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WHOLE NO. 2944

LINUS DARLING, PROPRIETOR.

JOHN HANCOCK BUILDING 178 DEVONSHIRE STREET, BOSTON, MASS. NEW YORK OFFICE.

905 TEMPLE COURT, NEW YORK CITY. TERMS:

persons sending contributions to THE perrespondence from particular farmers, giving the results of their experience, is solicited. Letters should be signed with the writer's real name, in full, which will be printed or not, as the writer may wish.

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THE PLOUGHMAN offers great advantages to advertisers. Its circulation is large and among the most active and intelligent portion of the com

cents per line for first insertion.

AGRICULTURAL.

THERE is something distinctly repocket. It nearly always represents hard, honest, manly work.

friends. No large class so completely holds the confidence of the community in this sense as the farmers. In most localities the farmer who does not pay his bills is almost a curiosity.

they will grow right through the dry son, White Doyenne. season, and perhaps get ahead of early set plants on dry land.

WELL shead of the work; result, the pollen some distance. little more than one could expect to ac- kinds. complish in good order.

field just after the crop comes up. This this time of the year. harrowing saves a vast amount of hand As a rule dairymen will do best in ing. hoeing later on; as it removes most of my way of thinking, to have cows come the weeds, except deeply rooted ones fresh in milk only a few days or weeks such as witchgrass. If there is no fine before going to grass. The udder is

Nutriment in Grasses.

carbohydrates lay on flesh and keep up and causes most liberal flow of milk. vitality. Note how rich in protein is Pumpkins are excellent in the fall browsing upon them.

COME OFFERDING		******	coape.	
Hy	Protein	Carbohy- drates.	Fats	Nutritive Ratio
Young clover, digestible.	3.6	74	0.6	1 to 2.
			0.6	1 to 3.0
			0.5	1 to 3.
Alsike clover, digestible.	2.1	5.8	0.4	1 to 3 :
			0.5	1 to 4.5
Young grass, digestible	2.0	13.0	0.4	1 to 4.
			0.4	1 to 5.
			0.4	1 to 5.
			0.4	1 to 6.5
Grass before bloom	2.0	13.0	0.4	1 10 7.0
		16.0	0.8	1 to 8,
		11		
Green coass discussions	1.8	12.2	0.5	1 to 7.5
Green oats, digestible	1.8	8,9	0.2	1 to 7.

Witch Grass.

The farmer or gardener who has witch grass to fight is to be pitied. The cultivator with cutting teeth will take off a good deal of it, but some hand as thoroughly as possible one year, it eye of its reader. will be a good plan to sow the ground On all farms in all parts of the counoples growing crop like thickly sown fodder is the leading industry, grass and hay

Self-Sterile Pears.

gree exists among tree fruits. There or general market purposes, the demand are many kinds of apples, pears, and is for a more matured product.

The following is a list of the varieties little loss.

since bees and other insects will carry especially look after.

Dairying.

FODDER corn sown broadcast will ration composed of coarse foods nearly yield a third larger crop than when entirely if not wholly, while dry, then sown in hills, estimating simply by put upon grain and soon going to pastcorn is so watery and undeveloped that hold her there by succulent feeds, offerits food value per acre is actually less ing such before the pastures begin to than that of corn sown in hill or drill. show much efforts of close grazing. This is according to experiments at Cor- Watch the yield and make changes by nell station. Corn is a sun-loving taving a little land devoted to some plant, and makes the best quality of kinds of crops which they will relish. food only when it gets plenty of sunlight Strive to satisfy by plentifully feeding and the cow suitable for the dairy will very liberally respond.

Rye, clover and green oats will very

agreeably supply until corn is ready. The list given below is taken from I run everything through the cutter government data. It compares the before feeding, because they take hold nutritive value of common grasses. more liberally and eat more than if un-Protein makes muscle, while fats and cut which therefore meets the intention

young clover, containing almost twice and will please the cow's taste after a as much as rye fodder. An interesting trial of light feeding, and will supply point is the richness of leaves of trees; that characteristic of a good milk flow it explains why cattle are so fond of for many weeks, if housed before heavy frosts come and the crop sorted at storing time and perhaps later sorted again, which will pay if quantity holds out.

Late planted corn which will be but succulence until well into the winter, if frost, will be a very profitable investment in labor, as all lend a little toward of hay wherever possible. keeping up a flow of milk until the cows need be dried again about two

months before coming fresh.
H. M. CULBERTSON, Leaves of trees, digestible 4.2 12.4 10.2 1 to 2.2 Outagamie Co., Wis.

Securing the Hay Crop--Its Importance on the Dairy Farm.

It may seem a little early to talk on hoeing must be done. This moist this subject, but in some sections of the weather it sprouts up again almost as country where your valuable journal fast as it is cut off, but after the first of circulates the work of securing the hay July the roots get more feeble and are crop will most likely be commenced more easily killed. After cultivating soon after, if not before, this meets the

the following year with some close try, but more especially where dairying oats, that will probably clean out most are main crops for the maintenance of stock in summer and winter. This being the case it is quite essential not only to grow the most of these products, but It is a well known fact that many to make the grass into hay at a period varieties of strawberries will not fruit of growth when it will produce the most unless planted near other varieties. milk and butter or cheese. Experience These strawberries which are not self. has proven pretty conclusively that for fertile are called pistilate kinds. Of dairy purposes grass should be cut early, late years fruit growers have discovered as nearly as may be at the period of that the same peculiarity to a less de- blossoming. For horses, fattening stock,

plums that will not fruit so well in On large farms it is difficult securing orchards of one variety. If they bear all of the crop at the most profitable at all the fruit tends to be somewhat period, but it will be found better to smaller, narrower and not so well filled lose a little in weight by commencing out toward the blossom ends. They quite early, than a good deal in quality also tend to ripen slightly later. It is in the end, from over-ripeness. With spectable about the dollar in a farmer's probable that all apples and pears will plenty of help and the best of haying do better if there is more than one kind machinery this work may be made to progress rapidly and with comparatively

which the department of agriculture On most farms there are a variety of finds self-sterile; that is, not truiting grasses, including the clovers, of which The Centrifugal Method of Collectwell by themselves: Anjou, Bartlett, there should be a liberal proportion on Boussock, Clairgeau, Clapp, Easter, all dairy farms, and the owner can by a Howell, Lawrence, Louise, Mount Ver- little calculation manage to secure the non, Sheldon, Souvenir, Superfine, earlier portions first and in this way Colonel Wilder, Winter Nelis. Self. get the most or all of his crop when at fertile kinds which will do quite well in the proper stage of growth. It will rehad next year from plants set the last orchards by themselves are: Angouleme, Bosc, Buffum, Diel, Flemish secure the crop this early than when it on land, but also in water-farming, the power of transforming and combinof May, although the first of the month is better, but if set on rich, moist soil Beauty, Kieffer, Manning, Seckel, Ty- has become more mature or ripe, but if since in the near future increasing at- ing the elements of the atmosphere and 24 pounds nitrogen. the work has been well done the hay tention must be given to all possible the soil each in its own way to create will be worth much more than the late kinds be planted next to the other sort, cut and this is what the farmer should As indicated by his annual report for elements are used by all of them, and in

without harrowing or brushing their subject well worthy of consideration at work to cure properly, and if this is not marine farming.

The idea should be to cure just corresponding area of land.

the weather is fair, or put in cock. cent. not injure the undried portion.

should the caives.

Some farmers with a large amount of method.



better another year. It will be well to fishes. call this to mind just about now and

E. R. TOWLE. Franklin Co., Vt.

ing Plankton, the Basis of Food Supply for Agretic Animals.

sources of food supply for man.

1897, Dr. Field has been experimenting very nearly the same proportions, We If there is a mixture of the clovers upon reliable methods for determining must not forget that the composition of Where orchards of a single variety with timothy, red-top, or other good the relative economic value of water the fruit itself is not the whole story. the work; result, a fit of the blues. have already been planted, and trouble grasses, the curing will be more easily areas (i. e. of ascertaining how many The plant must first come into existence This kind of discouragement is usually is found with the fruiting, some of the the result of starting out with just a varieties may be grafted with other speak of clovers, as here in Vermont given particular area of water can suswe like a mixture of the common red tain.) This is of special interest to before we can look for the fruit, and and alsike along with the timothy, which Rhode Islanders as a relatively large for this purpose all the conditions must is a staple grass for hay. A full crop area of the state is shallow water par- be supplied from start to finish. Too many farmers still grow corn Summer feeding of dairy cows is a of clover requires considerable time and ticularly adapted to aquiculture, i. e., The question relates to added fertility

well done the result will be disappoint. The conditions governing the occur- would of itself contain all that was rence and growth of the microscopic desirable for some years at least, but Most writers advise cutting clover in plants and animals which constitute the New England does not furnish such the afternoon, the next day turn it and fundamental food-supply of the edible under ordinary conditions. The atmoseither rake into windrows or put in marine fish and shell fish are manifold, phere holds in untimited amount all the tooth harrow a brush harrow will do then relieved of its soreness if any, before they are forced to their greatest capacity. day or two these can be opened to the records. Yet the conditions warrant required. Nearly all soils afford suffi-A cow fed sufficiently with a balanced air for a short time and put in the this labor, for in its scientific and ecocient of these materials, of which plants pumphlet called "Strawberry Culture," common lump lime to the water in one nomic aspects the question is one of demand but small proportions, for all written by that strawberry specialist, barrel, and six pounds blue vitrol (sul-In securing large crops of hay thus great importance. It has been shown crops; but we find that the natural Mr. Geo. F. Beede, of Fremont, New phate of copper), suspended in a coarse early, the tedder will be of much help, that water areas, under cultivation, decomposition of the ingredients of Hampshire, the price of which is only sack, to the water in the other barrel, weight and bulk, but the broadcast ure will reach her limit, then strive to as by its use the drying can be greatly yield per acre a far larger quantity of which soils are made up do not give five cents. Considering the amount of Never mix the two until ready for use. facilitated and time and labor saved. nitrogenous food for man, than does a sufficient supplies of some of the ele- information it contains, it is a remark- When ready for spraying, put thirty

enough, not too little or too much. The The writer points out that attempts crops, and to obtain such we must make contemplates growing strawberries Thoroughly stir contents of each barnatural juices of the grasses should be to collect the matter in suspension in use of artificial additions. The one that should possess it, as it is particularly rel. Add to water in hogshead five retained, not dried out or dissipated, samples of water, for strictly accurate is demanded in greatest quantity is pot- valuable to the beginner. I delight in gallons of lime water, straining through but there should be no water with the determination, either by biological ash. The second in order is nitrogen; the strawberry. It is the first fruit to a close burlap sack, stir well, and then hav when it is put in the mow. methods with nets and filters, or by then phosphoric acid, and for most soils ripen and there is none superior. There add five gallons of the blue vitrol If possible to prevent, hay when chemical means, have been prolific of lime and magnesia. Plants will not is a fascination in their cultivation, too. water. Mix thoroughly, and it is now nearly or quite dry should not remain errors, and that practically little ad- grow in the entire absence of any one of Such great big luscious strawberries as ready for use. Remember to stir mixspread on the ground over night, a in vance has been made chiefly owing to these substances, and if any one of them we grew in our little patch the last two ture every time the sprayer is filled. It that condition the dews will injure its inadequate methods of collecting, the is deficient in quantity, the amount of years were good to look at and better to requires about fifty gallons per acre; quality. Better rake into windrows if average error being at least fifty per crop is limited by the lack of that one, eat; and the exclamations of those who cost should not exceed one cent per gal-

bacteria) animals and inorganic matter, wasteful profusion of any one.

At the close of having farmers are hatched fry of so many species of fish, very apt to say they did not commence thus increasing the efficiency of the quite soon enough and will try to do methods of artificial propagation of food

Fertilizers for Fruits.

"What are the best fertilizers for each of the fruits?" I do not care to attempt to answer the question in this form. do not think we are in the possession of sufficient knowledge to give a discriminating reply. What are the best fertilizers for fruit? All of the fruits have requirements that are largely iden-The Rhode Island Experiment Station tical. Analysis shows that they are all

only. A soil may be conceived that ments for the production of maximum ably good investment and everyone who gallons soft water into a hogshead. notwithstanding all the others may be saw and tasted them were very gratify- lon. After using Bordeaux mixture Half-dried hay may with advantage be By the use of a special, large centrif- present to excess. To attempt to grow ing indeed. Perhaps not every one three years, I find that it not only preturned over at night, as the dews will ugal machine, devised by Dr. C. S. plants in the absence of sufficient phos- who reads this will go to work and set vents rot, but by holding the tops green Dolley of Philadelphia, and by him sent phoric acid would be like attempting to out a bed of strawberries this spring, a longer time insures a larger yield. There should be separate mows for to Dr. Field for trial, the error in the build a substantial wooden dwelling but let me say to all that scarcely any- For killing potato bugs, use one pound the different qualities of hay, so that it results is practically eliminated. This with only a single cask of nails. Better thing I grow gives me so much pleasure Paris green to fifty gallons of Bordeaux can be readily got at when wanted to machine, driven by hand or by a motor, a slight surplus of all the constituents as do my strawberries. can be readily got at when wanted to machine, driven by hand or by a motor, a slight surplus of all the constituents as do my strawberries.

mixture; but I would much rather applied. Cows should have the best early-quickly separates all the suspended entering into the plant or building than

In the growing of strawberries Mr. ply the Paris green separately with a

which constitute the food of the just should be supplied with at least these ries; however, had I no strawberries, I subject to rust as are oats.

must have come from abroad.

is as a carbonate as found in ashes, but consider the amount of labor bestowed. it costs from six to eight cents per but apparently thinking the receipts as phate is nearly as good a form, and can pressed their determination to set out be obtained as high grade to cost not extensive beds, but somehow as vet more than five cents. The muriate or their contemplated plans I have noticed chloride is the least valuable of the three failed to materialize. forms, and it is objectionable where the product sought is sugar or starch. It is well adapted to all the grasses proper, including Indian corn, but is less valuable for fruits, clovers, and perhaps dicotyledonous plants in general. It costs slightly less than the sulphate. Nitrogen, unless produced on the spot, can be bought in stable manure, but is more costly than in other seed as follows: In spring, as soon as ammonia are the best sources of immemostly what is wanted, while cotton of free lime or its carbonate in the soil is best supplied in the sulphate of mag-

nesia known as kieserite. A formula to embody the above will be, for an acre:

ash, containging 120 pounds potash.

130 pounds sulphate ammonia, con-

250 pounds acid phosphate, contain-32 pounds phosphoric acid.

pounds magnesia.

Total, 880 pounds. will do with less. Pears will be thank- the sulphate. In preparing the mixture ful for more; strawberries very much in large quantity, use two kerosene more, and others depending upon the barrels and one large molasses cask. I market value of the product. Two ap- would say to any who may contemplate plications, one-half before growth commences and one-half later, will be better to use flour barrels or any barrels with than a single one.—Dr. Jabez Fisher at only wooden hoops; as you would the Fruit Growers' Annual Meeting.

Strawberries.

I recently received through the mail a used) into each barrel. Add four pounds

cut hay when giving milk, and so matter, living plants (including the a deficiency of any one or two, or a Beede very truly says "everything powder gun.-James H. Ames, in the must be done in season," and if hoeing Maine State Board Bulletin. If there are any pieces of wild or in such a way that it can readily be Science, experience and observation is neglected for too long a time it will water grasses, sorrel or other weeds, weighed, the total volume determined, indicate that an orchard, or its equiva- be found a tedious and difficult undersuch should be cut early before the seed the number of particles counted under lent, covering an acre of ground, will taking to properly clean the bed; and NEXT to corn no practical crop will matures, and while they will make a the microscope, and tables be made for take from the soil, if present in available even then it will not be found satisfac- give such a bulk of forage as oats and thereby containing a large quantity of fair quality of fodder, such hay should comparison showing the economic yield forms, not less than 120 pounds of potbe put in a place by itself where it can of any given area of water. A number ash, fifty pounds of nitrogen, thirty-two crops look neat and clean; and the crop tons or more of green fodder per acre. be fed at the most desirable time. The of suggestions are made as to possible pounds of phosphoric acid and sixteen will be far short of what it might be. When dry the oat and feed fodder is so aim should be to produce a better quality improvements of the machine, but great pounds of magnesia, together with some So that the person who thinks he can rich in protein that less grain is restress is laid upon the centrifugal lime, in each season. The first few set out the plants and without much quired than with corn fodder. An acre years of an orchard, while the trees are further care pick an abundance of lus- of oats and pea fodder has about double clover or heavy grass to secure, provide In closing Dr. Field suggests that small and wide apart, they may thrive clous strawberries, had better not waste the feeding value of an acre of barley. caps to cover it when put in cock. This such means may be valuable for collect- with less, but any fruit plantation, just time in putting out the plants, as it will Late in the season barley and peas make saves all possible damage from bad ing the microscopic plants and animals previous to and as long as in bearing, be better for him. to purchase his ber- a good forage crop, barley not being so

amounts. Only one of them can be would most assuredly lose no time in produced on the land itself, and that is setting out some. I have but a rather nitrogen, through the growth of clover small area devoted to strawberries, but or peas, to be plowed under, in cases they produce well, and when I reply to where circumstances admit. The others inquiries as to the area and yield many persons express surprise and think it is The best form in which to buy potash wonderfully profitable, not stopping to pound of potassium oxide. The sul- all profit, and some persons have ex-

> F. H. D. West Caton.

Method of Handling Potatoes to Prevent Scab and Blight.

For planting potatoes I prepare my forms. Nitrate of soda and sulphate of danger of freezing in barn is past, before potatoes are sprouted badly in the diately available nitrogen, and that is cellar, I remove, and at the same time treat them with corresive sublimate to seed meal, dried blood or fish will fur- prevent the potato scab. This I easily nish it later in the season, where desir- do by the use of empty kerosene barable. Phosphoric acid is best obtained rels, or clean hogsheads with one head in what is known as acid phosphate. removed. Dissolve two and one-fourth In this preparation the phosphoric acid ounces of corrosive sublimate (which is all soluble, but without the presence can be obtained of any druggist; cost should not exceed eight cents per ounce) it can hardly be looked upon as a plant in two gallons boiling water, using food, contrary to the general notion. a wooden vessel; put thirteen gallons The end attained by the solution is the cold water in barrel, add the two galextreme division of the atoms of the lons, and thoroughly mix. If larger phosphate of lime, after reversion, in quantities are wanted mix in same prothe presence of more lime. Magnesia portion. Fill barrel with potatoes till the solution just covers them; soak one and one-half hours; remove the potatoes and spread on barn scaffold out of reach of all animals, as the sublimate is 240 pounds high grade sulphate pot- a deadly poison. Again fill barrel with potatoes, and so continue until all are 160 pounds nitrate soda, containing treated. The same solution may be used five or six times. By planting time the potatoes are well started with

strong, healthy sprouts. When potatoes are well budded or beginning to blossom, spray with Bor-100 pounds kieserite, containing 17 deaux mixture. Spray every ten to fifteen days till tops are dead. I use a five gallon copper knapsack sprayer. This should cost \$15 to \$18. Apples Tin or iron would soon be destroyed by doubtless lose a part of the solutions. and all of your patience, getting disgusted with the whole thing.

> For every forty gallons desired, put five gailons water (soft water should be

Management on a Grass Farm in New York.

yet take the entire civilized world as it mer .- Practical Farmer. is known to us today, and there is no derlying basis of support to such myriads of animals as the grass crop.

fences. These farms, naturally so well stroy them, vogue in these early days, of feeding at stacks, wasting manure, etc, became at one time almost barren. During the in farming here upon the old homestead. I have seen these farms, originally so productive, pass through two directly opposite stages. Their palmy days were when I was very young, or before my recollection, but I can today point to farm after farm that in my boyhood kept but five to seven cows, that today keep twenty-five. Upon our own farm in 1868, thirty years ago, I found it impossible to keep over fifteen head, where today on the same acres, we can as easily keep sixty head. With this explanation I will endeavor as briefly as possible to answer the questions as suggested in the P. F., of Nov. 27th, page 344.

First, when to seed with the different grasses, and how, for both mowing and pasture. As ours is natural grass land. the first thing to study was what varieties of grasses were best adapted, or soil. Our pastures contain a very large variety, many of the names I cannot grain it is better to mark off the land inches wide; but do not have the drills give. For meadows, clover and timethy have been the base, with a mixture of red top and alsike clover. Permanent tall meadow oat grass, white clover, a the corn has been planted. Usually it plants. If the land is dry when sown nanal time of seeding is in spring with tion. As the oats frequently get down, have seen the land so lumpy that the the rows until the tops meet in the hundred into a cup and dusted freely has been my practice to top-dress with has been my practice to top-dress with plants and bury them. However, when stable manure the following winter, and early in spring as frost is going out, horse-hoe or scuffler and scuffle both much less and the yield will be nearly like most of his class, was a stubborn have also practically late summer seeding, sometimes plowing, harrowing fine ower on the side next the rows of corn. article without drawing the attention We have found that pastures will improve if cows are fed some grain in cially after it is a few feet high. Now Simpson Rennie in Farming. summer, and harrowing, sowing on a variety of seed, with a dripping of ashes, will benefit any pasture. There is not for milk or butter production between analysis would show. The best hay we have, and which will produce more ing off of a few fibrous rootlets is not Thus the desire to plant, which univermilk than any corn we ever fed, is from at all to be considered to the benefits sally exists then, can be gratified with to unknown, but the application of it in soming and cured principally in the cock. down through the soil. By the loosen-shrubs, our native sorts could be We never market any hay except in the ing of the soil even in dry weather the planted to great advantage in many form of milk or butter. Hay must be moisture is retained, which is very im- cases where something else is looked mow, so it will not heat unduly or become browned. Never put salt on hay; better to use a short whiffletree eighteen both deciduous and evergreen, there are come injurious to stock, besides doing and it may also be found necessary to tiful, which should be given a place the following manner: The manure trenches are water tight and absorbing CULTIVATION FOR CARROTS AND MAN- at the maples, elms, oaks, ashes, linden. material put in every day after stables are cleaned. The manure is largely used as a top dressing for meadows, applied in the fall and winter, and in variety they offer! And this is not the and by this practice all liquids are the spring work the land well so that half of eligible sorts. Then in the shrub saved. I may say here that this prac- the manure will be well mixed with line there are the rhodedendron, laurel, tice of carefully saving all the excre- the soil. Then make the drills thirty mahonia, holly, ink berry, andromeda ment, both solid and liquid, and apply- inches wide but not high, and sow on and others of an evergreen character, ing at once to the land before any leach- top at the rate of about one and a half and clethra, azalea, mock orange, spirsea, ing takes place, I believe to be the pounds of carrot and four pounds of diervilla, itea, ceanothus and many grand secret of the immense hay crops mangel seed to the acre. After others of much beauty. In many states grown in this section. In regard to sowing, if the land is dry roll with there are woods close to one's door, and seeding grass land: Our custom has the common land roller and seed will enough choice things could be culled been, if we have a piece of meadow that germinate much more evenly. I from them to embellish the grounds. seems to be failing, that is very likely may say that last year, for the first Recently I saw some thriving rhododensomewhat damp; rather than plow, we time, I grew some mangels and sugar drons and laurels which had been dug give a coating of stable manure in win- beets of the different varieties on the up from their wild retreat three years ter, in early spring sow on a mixture checkered row system and found it very ago, and which at this time are models of about six quarts to the acre of clover satisfactory. To do this, mark the land of health and beauty. Very often it ocand timothy. harrow well and roll, re- off twenty-eight inches each way and curs that these wildings can be dug up moving any stone that may be turned plant with a corn planter and single out with a good ball of earth to the roots. up. Such treatment insures a full crop to one plant in each place. The advan- This is always desirable, as it is then

Roots.

best and compare it with the vast terri- me to say what rotation would suit eighteen to twenty inches.

clay soil. Now, this can be done with just where it is least required. and corn somewhat later.

is well to harrow again after the corn is ways and within a few inches of the the same as if left closer. A wrong idea some have is that corn of root-growers to the importance of should have shallow cultivation, espe-deep cultivation for the best results. this is a mistake. Corn requires a loose soil, and for that reason I cultithe rows, especially after every heavy The spring is not the only season cultivation, but any injury by the break-shrubs can be set with perfect safety. portant, not only for the growth of for. We need foreign sorts often for corn, but also for all field roots. It is variety sake, but in the way of trees, inches long after the corn gets up high, dozens of sorts both useful and beauhave the horse muzzled.

decaying clover roots. I have known certainly very great, especially on weedy are fibrous rooted plants of this descripmeadow lands thus treated that anyone land. As soon as the plants are seen tion, such as szaleas, rhododendrons

who had not seen it tried would say the along the rows start the scuffler at and kalmias, which will carry a ball of meadow was completely ruined, that at once; for at no time are the weeds so earth with but little extra care. Both harvest time produced an immense easily killed as in the early stages of young trees and shrubs can often be crop. When farmers fully realize that their growth. Where the land is weedy removed without much pruning, but It used to be a favorite saying of the grass is king of crops on most farms, it may be as well to side-hoe the carrot with large ones there are usually many late Harris Lewis of New York, that the crop will be treated in a more intel- rows, but if the mangel rows are close- roots lost, and then there mast be a "Grass is king." While in certain lo- ligent manner and secure the attention ly scuffled they will do until they are shortening in the branches, or a thincalities it may be true that corn is king, its importance demands from every far- large enough to single. Carrots are as ning out of them, to lessen the demand well to be singled out eight or ten inches on the roots. The degree of pruning in the rows. The yield will be about must be decided by the condition of the crop of so great value, that is the un- Cultivation for Corn and Field the same as though they were left closer roots. If there are lots of them, but but the labor of thinning and handling little pruning is required. This is true, is very much lessened where they are of course, whether the tree be a wild The farmer who owns land specially I need scarcely say that any person left a good distance apart. In singling one or nursery grown. Oaks, tulip, adapted to corn culture, and not so well engaged in farming should follow some where the rows are thirty inches apart, poplar, magnolia and gums are hard to adapted to the growth of grass, will system of rotation, and in that rotation mangels (especially the long varieties) transplant when large. When wild, doubt this statement, but let him con- one year should be in green or hoed should be singled out to at least twenty- having been in the same place always sider the area where corn flourishes crops. Now, it would be difficult for four inches and the globe varieties but few roots are made. What are

tory where the growth of corn is prace every part of the Province. Nor can I As soon as the carrots, mangels, and is not easy to reach. A nursury tree tically unknown, and the grass crop is say what crop should be followed by corn are planted we turn our attention has more because at each planting corn or roots, but this I can say, there to the manuring of the potato and turnip some roots are broken, and where this Admitting the paramount importance is nothing like a well-rooted sod for land which is plowed in with not too occurs two or more take the place of of this staple crop, it seems to me wise corn or roots, especially a clover sod. deep a furrow as soon as it is hauled out, one. And these additional roots do not that the P. F. has called for views from But in my system of rotation, I take after which it is harrowed, rolled, and seek the perpendicular but take to a practical farmers upon this subject. It peas, wheat, and oats after sod so that allowed to remain at least two weeks. direction more of a spreading nature. has been my fortune to have been born I follow with corn and roots after a crop It is then cultivated and worked until Whenever a tree of a good size is met and reared upon a grass farm in the of oats when the land is in the poorest the manure is thoroughly mixed with with which it is desired to move, it will very centre of a fine grass growing sec- condition. My reasons for this are two- the soil. For potatoes I mark out four often be better to prepare for it a year tion. My father used to say at the time fold. First, that after sod the land is or five rows with a narrow-bottomed in advance. This is done by digging he came upon this old homestead farm, in good condition to grow at least two plow. I do not like to mark out with out the soil in a circle about the tree and seventy-five years ago, residents used to crops of grain. Again, I like to apply the drill-plow, for the long sole has a chopping off the good sized roots met speak of this and other farms then par- the manure to the land intended for tendency to pack the soil which should with in the process of the work. It tially cleared, as "the fences being full hoed crops so if there should be any not be; and when a few rows are planted will often occur that the tap root will of grass," the meaning being the grass foul seeds in the manure, the cultivation I cover, going the one way with a good be the only one to be called large, and was so tall and luxuriant as to hide the corn and roots require would de- deep furrow and open out coming back this should be severed at about eighteen adapted to grass, through the system in PREPARATION OF THE LAND FOR CORN deep. This will always leave a few orles and oaks are often of this descriprows ready for the planters.

thirty years in which I have had a hand is applied on the oat land, at the rate of ing potatoes of good size, uniform shape. some that is, as new roots will be enabout fifteen or sixteen good loads to and cut to one or two eyes in a set, ticed to take hold of the good things the acre, and plowed in lightly. The and if the land is well manured plant provided. After a year has elapsed a remainder of the land for hoed crop is eighteen or twenty inches apart in the tree so treated will be in better condialso plowed fairly deep. Of late years rows. A few days after the potatoes tion to move than it was, and if another we have hauled out some manure dur- are planted and before they show year were added making two, it would ing the winter and spread it on the through the ground the drills should be be better still. land broadcast, and find the result very harrowed lengthwise until they are There is a great deal in suiting plants nearly level, and as soon as the potatoes in regard to soil. Fine rooted ones, The land intended for corn, carrots, are through the ground start the scuffler such as rhododendrons, azaleas and lauor mangels (which include beets of all and keep the soil loose. There may be rels must have light soil. The hair-like kinds) should be manured during the a little earth put up to the plants with roots which they make will not penefall or winter, and if the manure is not the scuffler while loosening the soil, but trate hard, heavy soil, and when planted too long I find the best results are obtained by working the land in the plow, for when this is done it tends to character of the root is a good guide to spring without plowing, especially on shed off the water between the rows the requirements of its owner. A thick,

> soon as the land is dry enough in the soil, so it is very important to have the mixture .-- Joseph Meehan, Practical Farspring so that it will work finely. After and well worked and made fine so that mer. the soil is well pulverized, say the first the manure will be thoroughly incorpoweek in May, sowing may be done. rated with the soil, after which roll the Carrots or mangels would do earlier ground all smooth. At this time, if there should only come a nice shower, Where any quantity is grown for the then start and drill up about thirty about forty-two inches each way and high. Some are sown on the level, but plant with a corn planter and try to I prefer the drills slightly raised so that mustard can be sowed thinly in the have only three stalks in each hill. the water will not settle around the the soil being too loose; and again I scuffler and keep the land loose between so many wireworms that I put a lumps would roll on top of the young drills. Turnips should be thinned out some mustard powder over them. In this difficulty is met with just start the of thinning and harvesting will be very

I feel as though I cannot close this

rain, until the corn is nearly full when everyone is thinking of working contrast to the undressed portion was derived from a free circulation of air safety. Having in mind trees and the manner here described is new. before foreign ones are admitted. Look tulip, sweet gum, sour gum and magno-As already stated, I prefer the manure lias for instance, and what a large of hay and the land is improved by the tage of being able to scuffle both ways is not necessary to prune much. There

which should not be over five inches to twenty-tour inches of depth. Hicktion. Hickories, especially, are tap In my experience of potato culture rooted. Should the soil not be very

After harvest, any manure on hand the best results are obtained from plant- good it will pay to fill in the trench with

tough root will be at home in a heavy the disc or spring-tooth cultivator as Turnips require a nice, rich, loamy soil; fine one, in sandy and gravelly

Wireworms.

A new treatment for wireworms is given to the Gardeners' Chronicle. It garden. When it is known that wire-

"I now obtain splendid crop unbeliever in new remedies, then sewed two rows, and I dusted half of each row with the powder. He covered in the peas, and in a few minutes he came after me, saying: 'I believe, sir, there is something in your powder, for the wireworms seem coming up out of the vate at least four inches deep between Planting Native Shrubs and Trees. ground.' The result was a remarkably ground.' The result was a remarkably fine crop of peas. From the first day they appeared above the ground the grown. It is true, some of the small in a garden, but it happens to be as undeniable. I am this spring dressing fibres would get broken off by the deep well, a time when nearly all trees and every crop in the same way, including The use of mustard for the destruc-

Pain Was Maddening and Hope Had Been Abandoned - Wonderful Results of Purifying the Blood.

"A very severe pain came in my left knee, which grew worse and worse, and finally a sore broke out above the knee. It discharged a great deal and the pain from my thigh down was maddening Large, hard, purple spots appeared on my leg. I suffered in this way for years, and gave up all hope of ever being cured. My wife was reading of a case 'ike mine cured by Hood's Sarsaparilla, and she edvised me to try it. I began taking it and when I had used a few bottles I found relief from my suffering. Oh, how thankful I am for this relief! I am stronger than I have ever been in my life. I am in the best of health, have a good appetite and am a new man altogether.' J. P. Moors, Lisbon Falls, Maine.

Hood's Sarsa-parilla Is the best-in fact the One True Blood Purifier.

Hood's Pills cure all liver ills. 25 cents. HERMES S. HEYWOOD.

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Purchasing Agent,



BE A PIONEER MINER

And Get in Before the Spring Rush and Receive Advantage of its Influences.

COPPER STOCKS ARE BOOMING.

THEY ADVANCE IN BOSTON IN THE FACE OF THE WAR SCARE. Condensed from the "United States Investor," Boston, March 5, 1898;

The market for copper stocks is booming. While the Maine explosion caused all other ecurities to rapidly decline, they showed unparalleled strength. The non-dividend payers even are advancing. Copper has advanced to twelve cents a pound, which means enormous profits, Consumption of copper is advancing faster than its production. In January England, France and Germany consumed more copper by 4,473 tons than the entire production of the United States. The visible supply in England and France decreased 2,693 tons during January and

Higher prices for copper stocks are confidently predicted. Boston'& Montana has advanced from 15 cents in July, 1893, to \$1.88 in March, 1898, and Calumet! & Hecla between the same period from \$2.47 to \$5.40. Copper stocks are higher than when copper was 17 cents or 5 cents per pound higher then now, which indicates a conviction that the immensely increased demand must greatly advance the price of the metal.

IMPORTANT NEW COPPER DISCOVERIES IN COLORADO ONLY.

In recent years no new copper discoveries of importance have been made in the entire g.J.S. A. WILLEY, 178 Devonsh world except in Colorado. These are now causing a great rush to the

PARADOX VALLEY.

THE KENDRICK PROMOTION COMPANY

is the use of common mustard in the sent a representative at the earliest moment into this new district and secured over two miles in length of the largest veins discovered, also a tunnel site controlling 3000 feet square of ground of immense value. The ore carries a high per cent in copper and in addition paying quantities of gold and silver associated with the copper.

mustard can be sowed thinly in the open rows before sowing the seeds.

Peas, beans, onions and carrots are mentioned as being protected in this manner. The writer who has suffered. Probably for fodder it would be as well plants in case of a heavy rain. The Peas, beans, onions and carrots are to have four or five. After the corn seed may be sown with the turnip-drill mentioned as being protected in this of the whole capital stock, 750,000 shares, has been placed in the treasury of the company to be of the whole capital stock, 750,000 shares, has been placed in the property. Only 100,000 shares uncultivated, as many have been for has been planted a few days and before at the rate of about two pounds to the manner. The writer who has suffered sold for the purpose of raising money with which to develop the property. Only 100,000 shares will be sold at \$50.00 per thousand shares; the next 100,000 shares will be twenty years or more, will be found to contain many other varieties, such as tall meadow out grass, white clover, a large transfer of the contain many other varieties, such as tall meadow out grass, white clover, a large transfer of the contain many other varieties, such as the found to not let the horses walk where tall meadow out grass, white clover, a large transfer of about two pounds acre, although less would do if there were no flies to trouble the young worms in his garden, says:

| Manner. The writer who has sufficient to propose or raising money with which to develop the propose of raising money with which to develop the propose of the purpose of th

intermission. On one occasion when raking over a crop of Sutton's Early Marrowfats and Sharp's Queen I found so many wireworms that I put a hundred into a cup and dusted freely up a few inches, but I have seen cases roller, and as soon as the plants commence to show along the rows start the Marrowfats and Sharp's Queen I found be quickly taken, and it will therefore be necessary to send in orders without delay.

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Armed Intervention is not necessary to the peace of stock or safety of crops about which Page Fence is erected.. PAGE WOVEN WIRE FENCE CO., Adrian, Mich.

See our Special Offer on the sixth page.

Poultry Farms For Sale

BREEZY HILL FRUIT AND POULTRY FARM, 27 acres well divided, mowing and pasture, near one of the best markets in the State. Brick house, 10 rooms, painted, 2 open fire places, wood house, barn, milk and ice house, greenhouse for early vegetables, hot beds and sashes, hennery for 100 fowls. All buildings in good condition, high, sightly and healthy location; very fine neighborhood. Fine apple orchard in bearing, 2 peach orchards of 300 trees, 200 bearing; young orchard of apple, cherries, plums just beginning to bear; ½ acre black and red raspberries, strawberry bed, some currants and blackberries; 150 choice grape vines, bearing finely. Ready sale for vegetable plants; vegetables of all kinds grown and read!'s sold, the owner having built up an established trade for all products. Will include pots, crates and boxes, upwards of 1000; also stock and tools, meaning horse, cow, fowls, and all farming tools with fruit and vegetable route. This property is free and clear; owner will sell \$1300, ½ cash. Pienty shade, shrubbery and flower bed; faces south, village in sight.

\$3000 BUYS THIS 5-ACRE FARM, with house 6 rooms, and stable, all new, elevated, beautifully situated, land level and good, apples and pears. Buildings built 3 years, house has plazza and bay window, barn elapboarded and painted. Electrics pass door. 16 miles out.

MINUTES to steam ear station, 5 minutes to electrics, 25 miles from Boston between two of the best markets in Massachusetts, 10-acre farm, all cleared land, and in fine state cultivation, 8 room house and stable, built 7 years; variety fruit; some 3000 strawberry plants set in spring of '97. One cow, harness, buggy, fowls and tools. Price \$3200.

CRAND FOR POULTRY AND GARDENING-514 acres with 240 ft. frontage; 214
in gras*, 14 plowed, balance not cultivated;
about 4 acres nearly level; 55 full grown apple
trees ali bearing (40 Baldwins, 5 sweet); 25
quince, 4 pear, 5 plum. 25 currant. Fine new
hen house 8x40; never failing weil, attractive
modern house, one year old; parlor finished in
oak handsome fireplace and mantel; remainder
in Carolina pine and cypress; nalls, parlor and
dining room have polished oak floors; china
closet with glass doors in dining room; new set
Holland shades and 2 straw mattings go with
house; house warm and sunny, cellar dry; bathroom has bowl, tub and closet; open plumbing;
house fully heated by furnace and wired for electric light; healthy location, fine view of country.
American neighborhood; hydrant near in case of
fire. Half hour's ride to Boston. Price \$4090.

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A MONEY MAKER. 220 from Attleboro, one of state, and 30 from Boston. Flarge amount of wood and most valuable cedar growth rests of wood.

STOCK FARM.—200 acres, of Lewiston and Auburn, N Poland Spring Hotel, 34 to R, Stores, etc. Land level, all wor hree miles, farm now carries orses, (pr. blk. mares 2400 1 owls, sulky plow, 2h-corn plan tonce) weeder, smoothing cent death of owner desires to sell. One of

FRUIT AND POULTRY BARGAIN. arieties, 250 Pears, each, 240 plum, 20 che varieties, 12 Russian 12 buffaloberry, black

ELECTRICS PASS DOOR.-24 mil

28 ACRES FOR \$2000. - Cottage Call Trooms: 1 mile to Stores
Station, etc. Water supply from
cuts 10 tons hay, can be made to c
good variety of all kinds fruit; only 2
Boston and on a main roa. Barn
addi ion for stock, work shop, hen
fowls, note the price \$2000.

20 MILES OUT.—75 acres, level, rocks; 1 mile to Stores, P. O. Stores of the 40 tons hay; keeps 15 head and water supply; over 130 apple, pear, cherry; 90 to 100 bbls. apples in sea

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ham, Cohasset, Scituate, Duxbury field, from half an acre to 200 acres 31000 upwards. The quality of the kets and the convenience to Boston section one of the most desirable for vegetable raising, as well as for sum For list of places and prices, address

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Some New Hampshire Farm Bargains particulars of which can be had on ap plication at this office or of E. H. Carroll

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Do not them fre wholeson search fo In our l have nev all the t where the act accor Egg es ing plent and fine time so t the nests

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from Apri from those clusion il commonly until May hens and t get winter

much shall varies acco and the tin is to give Give them they would them scraf during the want at ni

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t. 220 acre farm, 2 miles one of the best markets in ston. Farm is well divided, id and timber, including a rowth ready to cut, a year! d can be increased readily look this up. We invite culars of LEY, Exclusive Agent, Devonshire St., Ecston.

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-75 acres, level, free from s to Stores, P. O., Station, etc. eeps 15 head and team; good 180 apples, pear, peach and bls. apples in scason; some ake; fine chance for boating house 16 rooms, painted and ro 75×40, tie ups for 17 head, and corn house; all buildings free and clear.

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ampshire Farm Bargains which can be had on ap office or of E. H. Carroll

POULTRY. ******************* Disease and Egg Eating.

For the different diseases among fowls, we aim to give information that can be relied on-that has been tried wants to. and found effective by ourselves for what it was intended, and can be used with perfect safety.

Do not over crowd your fowls; give them fresh water each day, and good, wholesome food. This is the best preventive of all. Do not neglect to search for lice several time each year. In our large house, 166 feet long, we and brooder. have never been troubled with a single lonse, as we keep plenty of road dust in breeding. all the time, and a louse cannot live where there is dust. Keep this in mind a lazy hen. act accordingly, and lice will keep out.

Egg eating can be prevented by keep- until you have become well versed in ing plenty of ground bone, oyster shell and fine gravel before your flock all the the nests in a dark place; by so doing better. you will seldom be annoyed by those egg eaters. For those that have formed the habit, pare off the upper mandible Farming. quite blunt, also the lower, and put break them, and finding they cannot, will yield. This is the best cure we know of. Egg gourds make very good

How Many Eggs?

The question of the annual egg yield of pullets is a difficult one to handle, although poultry editors are often asked

to give estimates. on those of weight, and range from 100 to 200 eggs per year.

These tables have been the cause of numerous attacks of hen fever in be, ginners. For if these tables are facts all that is necessary, reasons the victim. would be to keep hens of the breed that is set down at 200 eggs per year, and, by keeping a sufficient number, grow rapidly rich. The difficulty is that these tables represent the capacity of individual pullets rather than the actual yield of large flocks. Just as with cattle it is not uncommon to find cows which will give 3000 quarts or more a year, but to get a whole herd of such animals is a very difficult matter, and in the same way the poultry keeper may have some hens that will lay 200 eggs per year under the right circumstances, but he will needs be a master of the art to age any thing like that performance. There will be some inferior hens,

100 to 125 for large flocks of any breed. Between the laying records of the there is not so much difference as is sometimes supposed, especially if the size of the eggs be considered as be placed at 125 a fowl, then that of most all the other common breeds and from that time on you will have to calving doubtless the piece of wire was

very good results if he averages from

to 100 per fowl. worked up a better average than the well and can give them a little of her was a sac in the chest containing blood above figures. Until he has done so, it milk. better. After all, the time when the mere number.

Poultry Notes.

by simply litting a hen whether she is of the year, it is a pretty sure sign that youngsters, they should now be very sive farmer on his fellow-farmers is none. she is a poor layer.

usually run very high through May and in mind that sufficient space for exer- same. It affects them in an unconscious semi-monthly and weekly that treat exuntil the middle of June. Fine soft cise is next in importance to the food manner. Put a hustling, wide-awake clusively on bees and their management. Poasters seven or eight pounds per pair supply. About the month of May you farmer in a sleepy neighborhood, and But the beginner should not depend on choice stock frequently command thirty- can (if available) give them some green in less than two years there will have the periodicals solely for instructions. ave cents a pound for the greater part herbage, such as clover, dandelion, occurred a great change. The old fogies for it will take him much longer to of the month, bringing \$1.40 each. But plantain, milk-weed, strong grass, and will watch the good work go on, until learn. With a text book he can readily white meated, poor stock would not many other succulent plants, yet these they will be constrained to do likewise. lay the foundation, and then keep post-

get winter eggs and pleny of them.

A very common question is, "How I would suggest that while there is a who have very little to say; they are without labor and plenty of it they will much shall we feed hens?" The amount Varies according to the size of the hens and the time of the year. The only rule is to give them less than they want. Give them about half the soft food that they would like in the morning. Make them scratch for what grain they get during the day and give them all they

IMPROVEMENT in 'the quality of dairy products the result of introducing the blood of richly bred Hood Farm Jerseys into your herd. Far during the day and give them all they

A Good Investment.

You Can't Do It. You can't keep chickens in health

You can't make eggs from food that produces fat. You can't make a hen set until she

You can't keep fowls thrifty without green food of some kind.

You can't make profit with a crowded You can't succeed without hard work. You can't keep fowls in good condi- BRANCHES:

tion that are literally covered with lice. You can't put brains into an incubator

You can't have a good growth by in-

You can't get any satisfaction out of You can't become a successful fancier

poultry culture. You can't afford a big expense in this

You can't speculate on the markets. Prices change with the whirlwind .-

to its Highest Point in Weight and Shape.

To begin, have a healthy, vigorous JOHN BAUSHER, JR. doe and buck, from eight to eighteen months old, weighing, say eight pounds each. After the doe is served, give her, A few days ago a breeder had his atif convenient, a space of six or eight feet tention directed to one of his favorite three weeks, then put her in a hutch not or so, the dairyman thinking she n.ight as I considered it perfection within it-Five or six feet would be better. Place ordered her to have a saline draught a well-packed bed of soft, dry hay or and warm mashes, thinking she had oat straw in one end of the hutch and taken a chill the weather being so varilift the doe quietly into it.

ing the thirty days with oats in the stimulating tonic medicine, to which a morning, then a handful of clover hay, little whiskey might be added if the and at noon some moistened middlings, cow appeared to be chilled or cold. He bread, rolled oats, or some other ground also prescribed a fair dose of linseed and grain, and about three or four o'clock as some spirits of nitre should the bowels much roots, such as carrots (which is not act properly. The next day the her favorite) or mangels, as she can eat, cow was reported to be better, and she leaving a good handful of clover hay to continued so apparently till the next prevent her from starving during the evening, when she was found dead night, and never leave her without The next day the owner requested the

appetite will increase wonderfully. You the trouble and death. The post morneed not bother her or yourself about tem revealed the digestive organs to be how many there are in the nest. They in a perfectly healthy condition and the will be all right, whether it be five or liver and kidneys sound. On removing ten. Your business from now on is to the intestines it was found that a porsee how much the doe can eat and to see tion of the second stomach, i. e., the breed and select a flock that would aver. that the supply equals the demand. If "reticulum" had adhered to the diaconvenient substitute a little milk- phragm. The heart was studded with goaked bread instead of the oats for the dark spots of various size, and toward will be sick or junder the weather for the same as before, only more of it, and phragm corresponding to the position some time. The keeper will be getting the same as before, only more of it, and phragm corresponding to the position proceed to buy out large apiaries, or make cleaning and filling lanterns a feed a carrot or piece of mangel or yel- of the attachment of the reticulum on

that sufficed the past thirty days, and the nails. On removing the nails the by alternating the food she will not get wire came with them, the point of it surfeited, and the brood will thrive in being very sharp. The nails had formed To begin keeping bees, either few or the stables, just back of horses and would be placed from that figure down swell the ration to meet the increased forced further through so as to touch the appetites of the youngsters, and you heart, and hence the trouble. The nails The ambitious poultry keeper should are always safe while they are nursing were blackened by action of the gastric to let them eat whatever the doe eats. juice, and doubtless had been in their

will not be safe to reckon on anything if you can give the brood and the doe ways. It shows that cows can die soon if you can give the brood and the doe the freedom of her old place, so much after calving and the calving itself have food counts as much toward profit as the better, until they are eight weeks nothing to do with it. Moreover it again and put back with the brood for and wire around on hay and fodder, and the next three weeks. She will about that improper diet is not always the this time wean them, but, like chickens cause of trouble in cows after calving. The grower can usually tell in May with the old hen, they seem to thrive better in her company.

laying or not. If she is heavy, and If you have kept up the supply ac-

Tests at the Utah station showed giving a very small amount of the green soon be well leavened. This country is The bee business of this country has profits one and one-half times greater stuff, still keeping up the dry clover suffering from want of practical agrifrom April hatched Leghorn pullets than feed, but gradually increasing the her-culturists; it needs more go-a-heada-solid foundation, and is gradually growfrom those hatched in May. This conclusion illustrates the mistakes very they will kick on the dry clover, and learned the proper use of sense, success that is especially favored with brotherly commonly made by farmers who wait clamor for nothing but green stuff be. will be at the ratio of one to sixteen love and friendly relations. Many until May or June before setting their tween their grain meals, and if it is failures. The silent influence of a good make an exclusive business of it. Perhens and then wonder why they fail to available, you may be sure it is nature's example will do more for the welfare of haps the greater number connect some own food, and with plenty of it and our farmers than a dozen lectures. This other business with it, but if any one

grain they will thrive space.



a good investment when he has placed a loan that

an investment that will yield a larger and surer return than the loaning of money at 20 per cent.

This is their testimony at least.

P. M. SHARPLES, West Chester, Pa

hares, there are a few things that should return to their hive again. time so they may eat well, and construct business; the less help you have the jurious or poisonous food. Fearing I chase. china nest eggs in the nests; they will How to Develop the Belgian Hare nine pounds, and as graceful as a fawn be endowed with a touch of this supermoved some ten to twenty feet, accordor an antelope. - Reliable Poultry natural power as I had already gave ing to the surroundings, when it came Journal.

An Interesting Case.

able. In response to a statement of the If it is winter, the doe may be fed dur- case, the veterinary doctor prescribed doctor to go out and hold a post mor-Forty-eight hours after littering her tem to ascertain what was the cause of

When they are about six weeks old, This is an interesting case in several

sturdy, and at your convenience in a wonderful. He need not say a word, In connection with numerous good week or two, you may separate the but go on with his work, and his neightext books on bee culture, there are a For large and fine roasters prices sexes, but wherever you put them, bear bors will feel his influence just the number of journals printed monthly, have done this.—W. H. Rudd and Son. just named are the rabbit's favorites. If there were only a few good farmers ed, by taking a bee journal, in all the You must be very cautious at first, in evey county, the entire lump would new up-to-date improvements. always at work, attending to their own be disappointed.—Western Rural. business. In some communities, if a Jerseys encel solicited. HOOD FARM, Lowell, Mass of their fellow-farmers.—Rural World.

APIARY.

How I Began Beekeeping.

interest per annum. The I naturally had a taste for boos, but quest of necest, while man who buys and uses a did not consider I would ever make a they go only a short distance. It may success of bee-keeping as a business for be curious to many to understand how either the LITTLE GIANT I had heard many say that only a few anyone can tell how far the bees may individuals could succeed with bees; fly, but this is simple when understood. that a bee-keeper was a man quite dif- Years ago, when the Italian bees were ferent from other men, that he was one first introduced in the United States, endowned with supernatural power these bees, having marks different to which he exercised [over the bees with the common bees already here, they such effect that the bees did his bidding were very easily distinguished, and that no bee would attempt to sting him; after any bee-keeper had obtained the that he could make the bees all leave Italian bees, they could be observed and great variety of refreshing and nutriti- their hive to follow him anywhere, and their range easily noticed. If bloom is ous herbage that may be fed to the by word or signs he could have them plentiful close where bees are located

lettuce, nor any frozen or musty vege- ly called, was very systematic in his they may go five miles. Usually about table. The cabbage and lettuce being methods of conducting the bee business, three miles is as far as they may go too watery are best withheld, and if and when he wanted to purchase bees he profitably. this rule be observed regarding the paid silver therefor, as success would

square in which to exercise for the next cows that had calved some nine days and did not give this the second thought bees would get lost.

that I might offer.

above is this: that the facilities for no notice of it.-Exchange. learning bee-keeping at the present time are too great for the beginner to Unexpected things are always liable begin this pursuit in the dark, yet many to occur, day or night, and when they thus do it and fail. They frequently do occur in a dark night we may find little fortunes made in the bee business, tern can be found or the lantern is not and conclude to go into it at once and in running order. The best plan is to s. w. smith. To be brief, she will, during the next four-inch clasp nails and a piece of fine, the handling of bees, or they may have next to no danger from accidents by ex-

ever, are more inclined to do a large proportion of their laying in spring when about twenty days old the broad will thrive in being very sharp. The nails had formed a bed, doubtless held by the piece of care for them before he gets the bees, with a hook attached, on which the land or and suppose than others. If the layand summer than others. If the laying capacity of Leghorns in large lots will hop out at every meal and will betime or money. It is not necessary to attend an Apiarian School for several terms, but any one of ordinary intelligence with an outlay of \$1 and a few leisure hours can learn everything there is in connection with successful beeof course aim to select his best layers
and improve his methods until he has

They never get sick while the doe is

They never get sick while the up-to-date works on Bee Culture. There is no chance whatever of making a mistake in getting the wrong book, as they all treat it alike, and at present you can scarcely pick up an agricultural old, when you may have the doe served shows that it is dangerous to leave nails paper that does not contain one or more advertisements of bees, bee hives and apiarian supplies. You need have no fear of those advertisers not doing the the square thing by you. I will here vouch for any of them, so well convinced am I of the honesty and integrity of bee-keepers as a class, and the exceptions are so few that there are absolutely advertisements of bees, bee hives and Influence of a Progressive Farmer. vinced am I of the honesty and integrity seems to be putting on fat at this season cording to the demand for food by the

influence is exerted by hustling men thinks that the gold nuggets will roll in

MOSELEY'S OCCIDENT CREAMERY FOR TWO OR MORE COWS. PERFECT CREAM SEPARATOR. MOSELEY & PRITCHARD MPG. CO., CLINTON, IOWA. The Range of the Honey Bee. The range of the honey bee is but

little understood by the masses, many supposing that bees go for miles in I naturally had a taste for bees, but quest of nectar, while others think that they will not go very far, perhaps a not be given to them, namely, cabbage, This "bee tamer" as he was frequent- mile in range; but if bloom is scarce

Bees have been known to go as far as others you need not fear loss from in- not follow any other manner of pur- eight miles in a straight line, crossing a body of water that distance to land. It am taking too much of your valuable With the above education on the sub- is wonderful how the little honey-bee space, I will briefly say, that if you ject, I began bee-keeping on a small can go so far from its home and ever keep up the system I have suggested scale. I bought my first hive and paid find its way back to its own particular you will find your hares, when nine or the silver for it. It was supposed by hive. If, while the little bee is out of ten months old, in the neighborhood of one of those "wise men" that I might its home or hive, the hive should be evidence of it, and I really hoped I back to where its home was first locatwas, but somehow or another my sus- ed, it would be hopelessly lost. If its pictons had not entirely left me, and I home was in an open space with no had an eye out for the worst if it should other other objects close, it might find happen to come. I knew nothing what- its way home, but even should the hive ever about the inside of a hive of bees, be moved only a few feet, many of the

less than two by two and four feet long. be developing milk fever. The owner self, and susceptible of no improvement winter time it would be all right, but if in the summer time, it should be done Time rolled by and I still remained a after dark, or when the bees are not bee-keeper on a small scale, but one flying, and even then the bees should thing dawned upon me and satisfied me be stirred up some, and smoke blown to absolute certainty, and that was that in at the hive entrance, and a board, or if ever I had a touch of this miraculous some object, placed in front of the hive power, it had entirely left me without a so that the bees in coming out may trace for I had received several of the mark their new location. Bees, no most astounding stingings a boy ever doubt, are guided by sight and also published on bee-culture, I sent for it, the color of bloom, as if they are at and received it in due time: This book work on a certain kind of bloom they was "Quimby's Mysteries of Bee-keep- are not likely to leave that particular ing." It gave me new light on the sub- kind of bloom for any other as long as ject and treated on facts and figures and they can find that kind. Again bees are plain instructions, and was not of the often attracted to sweets by their sense miraculous kind, so that from the help of smell, for they will go after sweets of this work I soon learned the first even if in the dark, if close. However, any kind of sweets may be placed in principles of successful beekeeping. glass in plain sight, but if covered so as Now the idea I wish to convey from not to emit any smell, the bees will take

barn. Have a stiff wire fastening across



her glory. Like her complex-ion, much of its beauty depends upon her general health, Nine times in ten a woman's general health upon her local health in a womanly way.
It is an impossibility for a woman to be pretty or at-tractive who suffers from

women who suffer from local weakness and disease peculiar to their sex. It acts directly on the delicate and important organs concerned. It makes them strong, healthy, vigorous and elastic. It allays inflammation, heals ulceration, soothes pain, tones and builds up the nerves and banishes the usual discomforts of the expectant months. It makes baby's advent easy corrects all irregularities. A woman who
is made well in this way will recover her
natural beauty of form and feature and her
natural amiability of character and temper.
Thousands of women have testified to its merits. An honest dealer will not urge a substitute for a little extra profit. Mrs. Rachel Clark, of Houlton, St. Croix Co., Wis., writes: "I am in good health since I have taken Dr. Pierce's Favorite Prescription, I gave birth to a 12½ pound boy last June. He is six months old now and weighs 30 pounds."

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To be brief, she will, during the next of the attachment of the reticulum was cut open, and in it was found two unused four-inch clasp nails and a piece of fine, the handling of bees, or they may have the handling of bees, or they may have the safe side. With such oil and a good modern lantern there is the handling of bees, or they may have the handling of bees, or they may have the safe side. With such oil and a good modern lantern there is the handling of bees, or they may have the handling of bees, or they may have the handling of bees, or they may have the safe side. With such oil and a good modern lantern there is the handling of bees, or they may have the handling of bees, or they may have the handling of bees, or they may have the safe side. With such oil and a good modern lantern there is the handling of bees, or they may have the handling of bees, or they may have the safe side. With such oil and a good modern lantern there is the handling of bees, or they may have the safe side. With such oil and a good modern lantern there is the handling of bees, or they may have the safe side. With such oil and a good modern lantern there is the handling of bees, or they may have the safe side. With such oil and a good modern lantern there is the handling of bees, or they may have the safe side. With such oil and a good modern lantern there is the handling of bees, or they may have the safe side. With such oil and a good modern lantern there is the safe side. With such oil and a good modern lantern there is the safe side. With such oil and a good modern lantern there is the safe side. With such oil and a good modern lantern there is the safe side. With such oil and a good modern lantern there is the safe side. With such oil and a good modern lantern there is the safe side. With such oil and a good modern lantern there is the safe side. With such oil and a good modern lantern there is the safe side. With such oil

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is thorough tillage.

market for low price corn.

year will never grow them this year.

Some men seem to know more about about getting a living from a hundred waters.

WHEN the hay is out of the barn it is feed box.

many of them as they can. AFTER all these rainy days there will

file, grindstone and tool chest may be put to good use in wet weather. Now that the New Woman and the New Man have somewhat gone out of fashion it is time for the New Boy to have his

the housework if it is necessary. WHEN the weather is extremely cold, When the weather is extremely cold, in the past, the spanish have been able or very hot the mind and body are likely to gain a knowledge of all the plans con-

neglect.

year on the farm.

harbor bills this session.

No one needs to go to a sanitarium who folks would do less work, and some of the the Spanish cortes. young folks would perform more, the farm would for them be a good enough health

fisherman gets the impression that he town, consuming fourteen jewelry facowns the streams, their product, and all tories and several dwelling houses before the land through which they flow. In it was extinguished. Four acres were

THE enormous demand for grain at home and abroad is helping the speculators remarkably in keeping up the price, but the new crop in many countries will be available in a month or two, after which it is believed that the quotations will drop rapidly, still it is not believed that prices will fall to anything like the unprofitable level of two or three years ago. The present year is likely to be a satisfactory one for the general farmer, but the milk farmer and others who buy grain and sell their product at a fixed price, will derive little advantage from the general high level of staple crops.

and who would like to establish a home affect its future prosperity. in the country if circumstances would admit. The longing for country life is

way to cure Deafness, and that is by constitutional remedies. Deafness is caused by an in flamed condition of the uncourse.

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CURRENT TOPICS.

THE best plan to postpone soil poverty that the Spanish fleet had entered the along the same lines as "Looking Back-HIGH price wheat means a better the statement that the battleship Oregon, Mr. Bellamy's personality was an attrac-TALKING big crops last year or next anxiety, was safe, but for various reasons the vain hope that the change might trade. Recent State Department reports running the government than they do addition to our naval strength in Cuban opee.

the proper time to fix those cracks in the parently still waits on the determination ripe age of eighty-eight years. His death barn wall, that make so much trouble in of the hide and seek contest in the Caribwinter, and let so much grain out of the bean Sea. Meanwhile volunteer troops ing world and the tributes paid to his are being concentrated in large numbers worth are not confined to the English at Chickamauga, Tampa, Washington and nation. Although of Scotch parentage, THE insurence companies having done other points of rendezvous. Nearly, it his whole life record has been identified their best to prevent the war, are now not quite, 100,000 volunteers have been with the history of the English nation, and combining to take care of the wounded mustered into the service of the United it has been one long battle for humanity, policy holders in the army, and save as States. The military expedition in aid of justice, religion and knowledge. Strong in Francisco. It carried out the first division | without a stain, well rounded and symof the army which is expected to occupy metrical. "Mr. Gladstone was but twenbe no excuse for machinery not in run- Manila. General Merritt, who will be ty-two years old when he graduated from ning order when hay time comes. The governor general of the Philippines, will Oxford University with the rare distincfollow later. The entire expeditionary tion of a 'double first class,' and we find force under his command will include him entering the House of Commons about 15,000 troops.

both indoors and out, always looking for of the details of the war program that the something to do, even helping a bit with government has been taking every pre-

to get a trifle numb, but during this de- templated, and were able to checkmate lightful season when effort is most needed them in several instances, as in the expeall the powers are in best shape to do ef- dition of the Gussie, which attempted to fective work. Time is worth money, and land supplies for the Cuban insurgents. fective work. Time is worth money, and land supplies for the Cuban insurgents. which he held for eighteen years. At forty more money than any other time of the By a strict censorship of all news sent the explanation of the company of the explanation of the land in Cuba suitable to the terest to those practicing green cropping out from the principal scenes of action, and by extra precautions in every way, It is more attractive to work out in there has been recently but little inforspring and earn a few dollars cash than mation which could be obtained, and for fifty nine he was prime minister of the to put the time into crops that will not that reason the news columns of the daily pay until fall. But a wise farmer who papers have been full only of rumors, understands his business can make more guesses and opinions. This much is working for himself than for others. A certain, however, that the Spanish dollar earned by outside work is likely to squadron is somewhere in the Caribbean be offset by two dollars lost by home Sea, that the two American squadrons are waiting their opportunity to destroy it. and that this will be only a question of prime minister. On three subsequent DESPITE the all absorbing interests of time, for the Spanish fleet will soon need occasions, at great epochs in the history the war, New England affairs have received some share of attention in congress which cannot be obtained at any port in transcendent seat of power. Such, in of sugar in 1396 was only 225,221 tons methods are so varying in different parts and as a result the river and harbor committee will view the Connecticut River in obtain them is by means of colliers from successive steps in climbing the ladder of regard to deepening the channel. Prob- Spain. The run across the Atlantic from official distinction. ably no bill in relation to the matter will the Cape Verde Islands would use most pass at present, as it is declared to be of the coal on shipboard, and the squadron his service to humanity, under circumthe intention not to pass any river and have been able only to obtain temporary stances of such peculiar opportunity that, tiago where they have made stops.

lives on a farm. Sleep, open air exercise, been formed, with Senor Sagasta still at and plenty of good food will cure almost the head, is not an especially strong one, institutions and the destinies of his own any one who can be cured at all. All and its existence depends upon its conthat the majority of sick people on the tinuing the war with the United States sense of mankind, to a degree unequalled cipal products to Cuba in 1897 as comfarm need is rest. If some of the old with boldness, as this only will satisfy during this century in the Old World; and the war has interfered with a war has a war has

A most unfortunate occurrence was the fire in Attleboro which practically de-This is the season when the amateur stroyed the industrial portion of the the vaults crumbled before the intense heat and very little salvage remains. The

to be encouraged, because it means early age of forty-eight cuts short a life Homer Bates; "A Woman Who Lost Her Princan live is within reach, it dies as soon as roar from their aggregate singing can be decided that convictions under the oleostronger nerves, better health, and greater which has been fruitful in its influence ciples," by Louise Betts Edwards, illustrated by it has exhausted the nutriment stored up heard for a great distance. independence. Women who have con- upon the advanced thought of this coun- E. L. Blumenschein; "With Music and White in the seed; but if the swinging shoot siderable business tact are often able to try, if not of the world, and which Light," by Abby Swain Meguire; and Dictaestablish country homes in nearly every promised even greater things. He is best ted," by Alexander Black. country town and still retain their posl- known by his socialistic book "Looking tion in the city. Successful women far- Backward," which attracted such wide- The defeat of the direct inheritance tax cases, especially in clovers, killing it. As mers are scarce, but there are thousands sp-ead interest that in three years caused disposes of the only attempt made this soon as the upper part becomes well eswho can establish successful country the sale of half a million copies and its year to seriously change the taxation tablished on the living plant, branches translation into several languages. His system of Massachusetts. No other New ing of "Looking Backward," is not un- tion of the kind the past season. Maine worlds to conquer. By the time the first by local applications, as they cannot reach the known but was quite different in character, and Connecticut as well as Massachusetts host plant attacked has died, these new There is only one being psychological in tendency. But already have collateral inheritance taxes, branches of the pirate are well established by constitution of this beat ladder and the property of the prop the writing of this book led him to devote that is taxes on inheritances and be- lished. Thus the dodder lives on, dying flamed condition of the mucous lining of the all his powers to the forwarding of the queaths out of the direct line of descent. doctrines of nationalism, the assumption

by the nation of all great comprehensive functions of the social organism, and the Naval operations have been limited absolute control of all production and recently to a game of hide and seek in distribution. To still further extend these the Caribbean Sea between our fleet and doctrines, he started in Boston a weekly the Spanish. Commodore Schley's flying paper called The New Nation and it was squadron has joined Admiral Sampson's conducted under his editorial managein hunting for the elusive Spanish admir- ment for three years. Although bright al. Since the Spanish fleet left Curacoa and interesting, it did not secure sufficient early last week, the public has learned patronage to enable it to live and its nothing of its whereabouts. On last publication was discontinued. A second week Friday it was reported from Madrid | book by Edward Bellamy "Equality," that official information had been received was published in 1897 and was written harbor of Santiago de Cuba. Last week ward." It has not been considered, how-Wednesday Secretary Long authorized ever, as powerful as the previous one. whose long voyage around Cape Horn, tive and lovable one and his nature retirhas been watched with great public ing and modest. He went to Denver in did not give her whereabouts. The Ore- benefit his health, but when he learned gon. with her consorts, the Marietta and that there was no hope, his only desire Buffalo, will constitute an important was to die in the old homestead in Chic-

England's "grand old man," William

The invasion of Cuba by our army ap- Ewart Gladstone, has just died at the Admiral Dewey has sailed from San body, mind and spirit, his career has been from Newark the very next year. It is interesting to note with what rapid So much trouble has been made by the strides he rose in that arena, where no premature publication by the newspapers quarter is given or taken, and he who nial secretary. At thirty eight he was three he was chancellor of the exchequer. At fifty seven he was the leader of his liberal party throughout the United Kingdom, and the most famous and influential tribune of the people in all Europe.

The zenith of political preferment had been obtained in 1868, when he was and Cuba takes great pride in the quality appointed by Queen Victoria to be her of her coffee; until the war, her coffee The real grandeur of the man was in

supplies at Martinique, Curacoa and San- having the will to do it and the intellectual power to do it and the chance to do employed in tobacco cultivation. The treatise of twenty pages on the composi-The new Spanish cabinet which has it, he impressed his marvellous and benefleent personality upon the laws, the country, and upon the politico-moral the values of exports of some of our prin- Station, which state has made very exsame time, by no man save Abraham Lincoln.

Literary Notes.

The opening article of Harper's Magazine for June is "The Czar's People," the second of point of fact, the fish belong to the farmer burned over, and the loss will reach a a irichly illustrated series of articles treating just as much as the fruit of his apple million dollars or more. What is worse, Russia as a militant power in the forefront of tree, and if sportsmen are allowed to help several of the burned-out firms did not modern political movements, by Julian Ralph. themselves they should at least expect to carry a full line of insurance on their "Current Fallacies upon Naval Subjects," is a refrain from injuring the crops and tramp- stocks, depending to a considerable ex- timely article relative ito warships and naval tent on their vaults to protect them in strategy, by Capt. A. T Mahan, iU. S. N., our case of fire. In this they had not reckoned leading authority on the subject. In "A Cen. office and will prove of interest and beneon such a conflagration, for in its path tury of Cuban Diplomacy—1785 to 1895," Profit to almost every farmer. Everyone is partially sums up the past of the Cuban question. "The Trolley in Rural Parts," is by Sylbuildings were mostly light frame struc- vester Baxter, and is illustrated by Peter Newell tures and very universally they were "William's Moose" is a hunting story, by Hamcrowded into one section, so that although | blen Sears, illustrated by A. B. Frost and E. B' help was furnished as promptly as possi- Edwards. "A Study of a Child," by Louise E ble from surrounding towns, the fire out- Hogan, records the development of an infant ran all opposition that could be brought mind. It is illustrated by drawings made by ment some 1,500 skilled workmen who per's are "Miss Maria," the third of the "Old will have to seek work in other places. Chester Tales," by Margaret Deland, illustrated The fire was the most disastrous ever ex- by Howard Pyle. "The Spirit of Mahongui," quite a number who have rural tastes, Douglas Deland, illustrated by W. T. Smedley.

earlier literary work, previous to the writ- England state has attempted any legisla- like the first shoot, looking for more

-It is said that General Fitzhugh Lee attack new plants. Dodder seeds will will be offered the presidency of the ripen with clover seeds and it is almost are being duplicated, and trade is fair. Texas State Agricultural and Mechanical impossible to remove them by cleaning. College in Bryan, which has been vacant It is not safe, Mr. Dewey says, to sow College in Bryan, which has been vacant for some time. There are forty applicants for the position, and their eager rivalry has prevented the choice of any one of them. They will all withdraw in favor of Lee.

It is not safe, Mr. Dewey says, to say to solve from a dodder-infested field seed from a dodder-infested field. He advises several methods of eradication, such as closely mowing dodder-infested spots in the meadow, application of chemicals, burning, grazing for the industrial centre of the country.

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Washington News.

It is interesting to note, in view of the pine Islands to Great Britain, that that show that of the total arrivals and departeach case 322 to and from the three open ports of Manila, Iloilo and Cobu, the vessels flying the English flag numbered 192 arrivals and 190 departures; this number of departures for Spain, thirty-Germany and only twenty-four and States. Other countries are insignificantly

PRODUCTIVENESS OF CUBA.

13,000,000 acres of primeval forest conchosen to represent the University of Ox-taining mahogany, cedar, logwood, ebony. Mr. Smith's pamphlet on "Vetches" is ford in the House of Commons, a position lignum-vitae and other valuable woods, also in the same line. This will be of ingrowth of sugar were devoted to that or in fact to all farmers who undertake industry, it is estimated that the island careful rotation. The vetch is likewise a party in the House of Commons. At might supply the entire western hemis- legume, gathering free nitrogen from British Empire, foremost leader of the phere with that article. She has already the air, and it has the advantage of makproduced for export in a single year, a ing its growth very early in the spring million tons and her capabilities in that when most other plants are not yet availline have been only in the experimental able as forage. It makes excellent stock stage. The adaptability of the soil to feed. tobacco culture has long been known. plantations were in a flourishing condition. According to the figures of the against 1,004,264 tons in 1895, showing a

> The tobacco crop is estimated at 560,000 bales or 6,160,000 pounds and under nor-

> \$2 821,000 582,000 5,401,000 - 392,000 - 854,000 191,000 1,095,000 \$564,000 247,000 2,224,000 871 000 57.0 0

AND ALFALFA. A bulletin prepared by L. H. Dewey, Assistant Botanist of the Department of Agriculture, is just being issued by that comes against a genial host plant, it twines about it and draws the life force from that plant, dwarfing, and in many are produced, which wave slowly about

behind as its support is destroyed and pushing its branches in all directions to Mountain Paper Company have struck.

preventives clean seed and clean hay. INTERESTING PUBLICATIONS.

A number of other interesting bulletins recently issued by the Department of Agriculture treat of the following subjects: "Alfalfa or Lucerne," "Cow-peas," "Methods of Curing Tobacco," "Facts about Milk," Commercial Fertilizers," "Hog Cholera and Swine Plague," "The Locust in 1898," and "Cultivating Vetches." These are all publications of value to farmers generally, and can be had free upon application to the Secretary of Agriculture. "Alfalfa or Lucerne" is talk of the ultimate disposal of the Philip- a twenty-page pamphlet prepared by Mr. Jared G. Smith, assistant in the Division country already largely controls their of Grasses. Mr. Smith treats interestingly of this important forage crop, which has been cultivated for more than twenty ures of vessels in 1897, numbering in centuries. He describes its habits of growth and gives directions for its cultivation, specifying the results learned through the Department from experiments and reports received from all against forty-seven arrivals and the same sections of the country; also its value as feed and for soiling and its very great one and twenty-nine respectively for importance as a soil renovator. Alfalfa, being similar to clover, gathers its nitro twenty-two respectively for the United gen from the air and thus adds largely to the fertility of the farm, whether used as a food or a green crop. ANOTHER NITROGEN GATHERER.

Mr. Smith's name is also attached to a The State Department has just issued a ten page pamphlet on cow-peas, another timely and interesting report from our leguminous crop of great value to the late consul at Santiago de Cuba. The American farmer. This plant is to the island's area, he says, about equals the south what alfalfa is to the west and red state of Pennsylvania, and its productive clover to the North. Its value is coming soil, mineral wealth and climatic condi- to be more generally recognized in northtions entitle it to rank among the fore- ern states where it is being of late quite most communities in the world. The extensively grown. The cow-pea, which soil is a marvel of richness, and fertilizers by the way is not a pea, but a bean, is are seldom used, unless in the growth of very rich in nitrogen and is of great value tebacco, even though the same crops are for green cropping. Florida would be grown on the same land for a hundred lost without the cow pea. Many of years, as has happened in some of the old the Florida "crackers" feed their mules sugar cane fields. The mountains are of exclusively on cow pea hay-combining stern stuff. At the age of twenty six he was coral formation but much of the low land the stock and the pods and manage to government has been taking every pre-lord of the treasury in Sir Robert Peel's seems to be composed largely of fossi's keep their animals in fair condition. The administration. In the same year he was of sea matter from pre-historic times, and publication will be of value to all farmers In the past, the Spanish have been able under secretary of state for the colonies.

In the past, the Spanish have been able under secretary of state for the colonies. Is thus extremely rich in lime and phos- living in the middle and border southern board of trade. At thirty six he was colofore the United States, Cuba still has thoroughly familiar with its habits and

AMERICAN TOBACCO.

Farmers Bulletin, No. 60, is a general 18 THE treatise on the methods of curing tobacco and contains information useful to those BEST desiring to engage in this industry, The of the country, with its vastly different decrease of seventy-seven and one-half conditions, that but little general advice can be given on this subject, each locality THE having laws unto itself.

COMMERCIAL FERTILIZERS.

is so distributed that irrigation is not is discussed by E. A. Voorhees, M. A., equalled in the New World, during the the war has interfered with our trade one, and if in the hands of every farmer may save dollars when he comes to buy his fertilizers.

ABOUT PORKERS

The Department reprints a bulletin by Doctor Salmon, of the Bureau of Animal Industry, on hog cholera and swine plague in which he treats of the distinction between the two diseases and their THE DODDER WEED INFESTING CLOVER general characteristics, causes of the diseases, treatment and methods of prevention. As usual, with most troubles and ailments, the doctor thinks prevention is worth more than remedy.

The Assistant Entomologist of the Defessor Albert Bushnell Hart, of Harvard, im. familiar with the slender, yellow tendrils partment, Mr. Schwarz, makes the stateof the field dodder, which twines on the ment that the periodical cicada, popularly low branches of certain crops and in known as the "locust" or "seventeen year some pastures does serious damage. locust" is expected to appear this year at There are a number of species of this many places in the country. This periodparasite, having yellow, orange, white ical cicada should not be confounded with or pink, thread-like stems which twine the destructive locust or grasshopper of about green herbs and shrubs and draw the west, nor does it injure field crops, against it. The visitation was most un- the child before his seventh year. "The Situa- their nourishment through minute suckers although appearing in enormous numbers fortunate in many ways, not only wiping out a large amount of usefully employed correspondent of the London Times of the in.

The Visitation was most discrete the bark of the host plant. In timbered sections. The only real damount of usefully employed age done by it consists in puncturing the out a large amount of usefully employed correspondent of the London Times of the in. Dodder seeds are generally included twigs of young orchard trees and causing twigs of young orchard trees and causing capital, but throwing out of employ- of China. The short stories of the June Har- tributed with hay. The seed germinates them to fall off. These locusts have been under much the same conditions as clover developing in the ground as worms, and seed, but instead of two leaves appearing they will emerge with the hot weather author; "Mrs. Pettingrew's Question," by Ellen conspicuous yellow shoot. This bends they bore in their upward course toward to one side; then swings slowly around, sunlight and heat, into which they "A Rebel Cypher Despatch. One which did lengthening meanwhile, until it strikes a emerge as winged creatures. In forest sec-The death of Edward Bellamy at the not Reach Judah F. Benjamin," by David green plant. If no plant upon which it tions where they are very numerous, the

Read and Run.

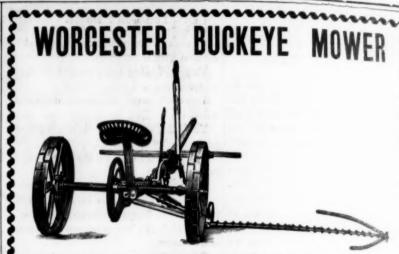
-England is strengthening her fleet in

-Five Fall River mills closed this week to curtail production. -An American firm has shipped \$500,

000 worth of elevators to London. -Our trade with Cuba has been shown into the state. to exceed that of all other nations. -One hundred employees of the Falls

-Cancelled orders for woollen goods

-Andrew Carnegie says he thinks Pitts-



Will cut more GRASS for less MONEY than any other Mower on the Face of the Earth. BEWARE OF IMITATIONS.

Look for our TRADE

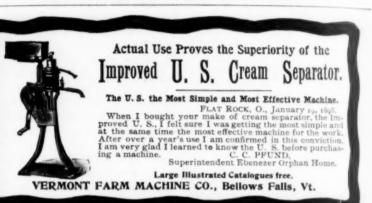
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UNIVERSAL WEEDER & CULTIVATOR.

LEAST.

mal conditions about 80,000 persons are employed in tobacco cultivation. The employed in tobacco cultivation. The rainfall of Cuba is about fifty inches and use of fertilizers. The subject of Cuba is about fifty inches and use of fertilizers. The subject of Cuba is about fifty inches and use of fertilizers. The subject of Cuba is about fifty inches and use of fertilizers. The subject of Cuba is about fifty inches and use of fertilizers. The subject of Cuba is about fifty inches and use of fertilizers. The subject of Cuba is about fifty inches and use of fertilizers. The subject of Cuba is about fifty inches and use of fertilizers. The subject of Cuba is about fifty inches and use of fertilizers. The subject of Cuba is about fifty inches and use of fertilizers. The subject of Cuba is about fifty inches and use of fertilizers. The subject of Cuba is about fifty inches and use of fertilizers. The subject of Cuba is about fifty inches and use of fertilizers. The subject of Cuba is about fifty inches and use of fertilizers. The subject of Cuba is about fifty inches and use of fertilizers. The subject of Cuba is about fifty inches and use of fertilizers. The subject of Cuba is about fifty inches and use of fertilizers.

Permanent Tooth Weeders at \$4.50 and Removable Tooth at \$5.50 Each Cash to accompany order

Don't put off buying when you can get a machine at these prices, but Write to-day for circulars and agent's terms.

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-The University of Pennsylvania has in regard to interstate commerce. broken the hammer-throwing and hurdle- State Supreme Court reversed this decisrunning college records.

boundary arbitration court.

tive works of Philadelphia.

-Companies with western Massachusetts capital have been incorporated to mine gold in the Adirondacks.

the New Hampshire Supreme Court died law provides that when the oleomargarine

in Concord Saturday morning.

-Since the death of Gladstone, Senator Justin Smith Morrill of Vermont is the of the State Supreme Court, which had oldest living English speaking statesman. been in support of the law. In this case There was about four months' difference in their ages, Gladstone having been born Dec. 29, 1809, and Senator Morrill April 14, 1810. His length of service exceeds that of any American statesman. He was elected a representative to the Thirtyfourth Congress and reelected to the five succeeding Congresses, and then transferred to the Senate as a Union Republi- crushed. can in 1867 making his term of public service forty three years.

-The United States Supreme Court has margarine law of Pennsylvania and New Hampshire to be invalid, thus holding the laws unconstitutional.

of the Court in these cases. There wheat. were three of the cases from the state of Pennsylvania and one from New an address to the queen asking for Glad-Hampshire. In Pennsylvania George stone the honor of burial in Westminster Schallenger, George E. Paul and J. Otis Paul were prosecuted in the State courts, on charge of violating the state law prohibiting the introduction of oleomargarine

The trial court held the law to b invalid under the Federal constitution on ties constantly on hard.

FARMERS & COACHMAN'S RES. AL Dock Sq., Box

ion, holding the law to be constitutional. The opinion rendered by Justice Peck--Ex-President Harrison has been re- ham reverses the State Supreme Court tained by Venezuela as counsel before the and sustains the trial court, holding the convictions to be invalid, because the -It is reported that Russia has ordered law is in contravention of the Federal fifty locomotives of the Baldwin Locomo- constitution. Justice Harlan and Gray dissented in this case, as they did in the New Hampshire case.

In this latter case the same question was involved, the law of this state being practically the same as that of Pennsyl--Chief Justice Alonzo P. Carpenter of vania. In the New Hampshire case the is colored pink there shall be no prohibition. Justice Peckham said this was a mere evasion, and reversed the decision there was but one prosecution, and this was directed against Clarence E. Collips

World Over.

-A rebellion has broken out in Samoa. -The Venezuela revolution is reported

-Jamaica has appropriated a special defense fund. -The paper mills are running to there

full capacity. -Notable dogs are exhibited in the Paris dog show.

-The magnificent crops in northern Justice Peckham announced the opinion Africa are expected to reduce the price of -The House of Commons has indepted

Help--FARMERS--Help

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Fat Hogs.-hotes, whole y dressed he Calf Skins Tallow.-B ABBIVAL

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Beef.—Per aide, tallow a quality, \$4.78 third quality, pairs, \$6.006 etc., \$3.00@3

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state commerce. The rt reversed this decisv to be constitutional. red by Justice Peck-State Supreme Court rial court, holding the Invalid, because the ntion of the Federal ice Harlan and Gray se, as they did in the

se the same question aw of this state being e as that of Pennsyl-Hampshire case the then the oleomargarine re shall be no prohibikham said this was a reversed the decision eme Court, which had the law. In this case prosecution, and this st Clarence E. Collins,

d Over.

broken out in Samoa. revolution is reported

appropriated a special lls are running to there are exhibited in the

nt crops in northern d to reduce the price o

Commons has adopted queen asking for Gladburial in Westminster

RMERS--Help

cultural, Stock Farm Help mished at short notice. Ex-enced help of all national of ACHMAN'S REGISTRY. Manual Dock Sq., Boston, Mass



MARKETS. Cattle Sales BOSTON LIVE STOCK MARKET.

Cattle 1-ic lower.-Sheep Steady.-Hogs unchanged. - Calves 1-4c higher. - Milch Cows anderate demand.—Horse Market fair

Week ending May 25. 1898.

mount of Stock at Market. Cattle. Sheep. Shotes. Hogs. Veals 3,375 6,023 136 26,981 2,628 3,683 11,284 375 25,474 2,430 0,5,477 15,607 304 21,054 2,978 ...511 CATTLE AND SHEEP FROM SEVERAL STATES

.... 200 New York 20 shire 82 283 Rhode Island 95 66 Western 2.595 5,470 .3,375 6,023

DATTLE AND SHEEP BY RAILROADS, ETC. Cattle. Sheep. 1.656 5,918 Eastern... 200 90 105 B. & M.... 1,349 Foot&boats, 80 Total.....3,375 6,023

Values on Northern Cattle, etc. Per hundred pounds on total weight of flow and meat, extra, \$5 25 25 50; first \$4 75 25 00; second quality, \$4 25 24 50; single salty, \$3 75 24 00; a few choice single 60 26 25; some of the poorest, bulls, king Oxen.—\$60@130; handy steers, \$50 or much according to their value for beef.

Cows and Young Calves.—Fair quality, \$206 \$40@48; fand dry, \$12@22.

e; sheep and lambs per head, in lots 00; lambs, 41/4@51/4c. Fat Hogs.—Per pound 41/4 @41/4c, live weight shotes, wholesale...; retail, \$1 50@\$5 50; coun Veal Calves .- 3@51/2c P tb.

Hides.—Brighton, 71/2@7% apts; country lots Calf Skins. -80c@\$140. Eatry skins 35c to Palts. - She wrling5 @ 35c each; country lots,

ARRIVALS AT THE DIFFERENT YARDS. CATTLE. SHEEP. HOGS. VEALS. HORSES rtown, 1,746 6,023 11,531 1,949 451 150... 1,629 679 60

General Live Stock Notes. rket not this week so heavy in cattle of their is an increase in hogs and beef cattle the market is 1/4 c L W is For beef cattle the market is ½c L W pr. this was the general representation or ern and that being the case the northern to be sold on same basis. The tone of the tet for cattle somewhat moderate. The test for sheep has not improved; yearlings telling at 5x6½c as to quality. The western stiff at the above rates, o.d sheep 4x4½c, some at less money. Hogs rule steady as ed last week. The calf market has taken yward start of ½c, and 6½c is paid for good. The trade in milch cows nothing extra, but so are generally steady and the best grades ured early. Horses in good demand at aucand private sale; all sorts called for, drive draft.

Cattle. Sheep Cattle. Sheep. Canada At Watertown J A Hatha-J Gould Massachusetts.
At Watertown.
J S Henry 9 78
WA Bardwell...3 126 19

At Brighton
J S Henry 17
R Connors 10
Scattering 80 P Day I A Gilmore V Mills I E Eames B S Colbert
New York
J McFlynn 20 Geo H Messer 120 Scattering 25 40 Breek & 75

Sturtevant & Haley 128 S S Learned 112 Morris Beef Vermont. At Watertown. Williamson 12 1 224 Sprigg 778 W Ricker & others.... 40 65 Britton & Savarre At Watertown,
G A Sawyer 18
Western 1054 4370
J A Hathaway 265 1100

Hogs. Calves. Hogs. Calves Maine.
At Brighton. Vermont.
At Watertown.

25 Carr &
10 Williamson 4 74
40 G H Sprigg
& Co 12 181

Meintrie 11 39 F 8 Atwood 20
L Howe 4 25
E Elkins 2 Massachusetts.
M Lowe 55
J Hanson 11 J 8 Henry 3 9
W Bardwell ... 14
At Brighton.
At Watertown.
J 8 Henry 2 60
Scattering 12 16 J P Day 20
W Mills 15
Scattering 356
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Northern and Kastern— Scattering
Breek & New York
Wood... 37 11 At Watertow.
WP Wallace. 50 100 D Fisher 18 350

We Wood... 37 10 At Watertow.
We will be with the work of t Export Traffic BENDORE TRAME

als of cattle heavy considering the differline and prices rule fairly steady, with sales

pool at 11½c, sinking the offal at Lon
4 al1½c. Shipments from Boston wer
tile and space for 1 00 sheep on Cambroe

4 17 horses

Its and space for 1 00 sneep on Camoroe 17 horses and Destinations.—On steamer avian for Glasgow 65 state and 235 cattle by J A Hathaway On steamer in for Liverpool 831 cattle by Swift Beef 17 horses. On steamer Sagamore 201 by J A Hathaway and 204 cattle by Beef Co. for Liverpool. On steamer in for London 394 cattle by Morris Beef ido, by Swift Beef Co. On steamer in for London 394 cattle by Morris 220 do by Swift Beef Co. On steamer in for London 224 cattle by Morris 220 do by Swift Beef Co. On steamer in for London 24 cattle by Morris 220 do by Swift Beef Co. On steamer in for London 24 cattle by Morris 220 do by Swift Beef Co. On steamer in for London 24 cattle by Morris 220 do by Swift Beef Co. On steamer in for London 24 cattle by Morris 220 do by Swift Beef Co. 114 cattle and supposed to be beep by J A Hathaway. Stags ... Fowls, P lb Horse Business. ment in horses has somewhat imng the past week, and horses are not
Good horses in good demand. At
ination sale stable a fair trade at
ng from \$46@\$175 unless very fine
L H Brockway's sale stable sold out

A L H Brockway's sale stable sold out cade close. Quality good and sales also be pood \$175\$ was the top price this take the sale stable increase in demand for good horses at gean the terrespect in demand for good horses at gean the sale stable increase in demand for good horses at gean to the sale stable increase in demand for good horses at \$150, saddle horses \$250, At E Ham & stable a fair trade in business horses trade in prices. The finest Vt. and N.H. creamery in as-orted sizes is selling generally at 17c. Western extra range from 16 a 17c, but are stable a fair trade in business horses held for the most part at 164-c for large as the stable at Saturday at auction at \$168 good grade. At Russi il & Drew's sale ilvers and business horses at \$550,8200 grades below are steady at quotations but having only a moderate sale. Imitation creamery and ladle goods quiet.

Note.—Assorted sizes quoted below include 20, 30, 6 to b tubs only.

Creamery, extra—

J S Henry sold 2 0xen of 2970 hs at 41/2c, 2 0xen of 3650 hs at 41/2c, 2 of 3770 hs and 2 of 3880 hs at 41/2c. W Wallace sold 2 bulls of 1120 hs at 31/2c. J A Hathaway sold 15 steers of 1550 hs at 51/2c, 15 do av 1525 hs at 51/2c, 10 do av 1500 hs at 51/2c, 10 do av 1475 hs at 41/2c, 10 do av 1460 at 41/2c, 10 do av 1460 at 41/2c, 10 do av 1450 hs at 41/2c. Maine Cattle, Beef and Store

A train of 14 car loads made up the arrivals from the east, 200 milch cows, 9 beef cattle 384 veal calves and 23 hogs. The train arrived early and the milch cows were housed with care and had plenty of feed and water. P R Goodwin of Shapleigh, Ma. was on the train this week with 3 fine catt e, 2 were five years old, one was seven years old. The lot weighed 6850ths; they were of his own feeding, had a good feed before starting Monday morning of southern corn ground into meal. He says he got 62 \$\psi\$ bf or them, but the very best western beeves do not bring as much into \(^1\)₂c. and prices this week are \(^1\)₄c off. S Tracy was offering 6 exen of good quality but trade was not closed.

Not much more than one-half the supply of last week. The requirements were lighter, considering that there were so few for export, and Western flocks hold up where butchers are not particular to have many on hand. It must be understood that Boston is not wholfy dependent upon what live stock arrives, there being a good allowance of dressed meats direct from the West. Market prices steady. G H Messer had in 120 yearlings average weight 82 bs and sold at 5c. Some of his own feeding at Charlestown, N. H., but not anything extra as to quality. W F Wallace sold 40 yearlings of 3700bs at 5½c; 4 sheep 260 bs at 4½c; 33 sheep 2490 bsat 3½c.

Veal Calves. Supply amounted to 2628 head and prices notwithstanding went up \(\frac{1}{2} \)c ib. The big firm were paying 5\(\frac{1}{2} \)c say dealers, and other butchers had to buy on that basis; some lets not quite up to that standard on account of the quality.

JS Henry sold calves at 5\(\frac{1}{2} \)c. Thompson & Hanson sold 46 calves of 5380 lbs at 5\(\frac{1}{2} \)c. PA Berry sold 24 calves 2920 lbs at 5\(\frac{1}{2} \)c. Thompson & Hanson sold 46 calves 5660 fbs at 5\(\frac{1}{2} \)c. Thompson & Hanson sold 46 calves 5660 fbs at 5\(\frac{1}{2} \)c. W Mills sold 15 cc/ves of 110 lbs at 5c

Milch Cows and Springers. Dealers were anxious to sell, but not so much so as some previous week. Speculators were buying and the arrivals not as heavy as some weeks. Prices were generally steady Wardwell & Meintire sold 1 fancy cow \$65, and cows from \$2.53845 Libby Bros sold 10 cows at \$40@\$45, several cows at \$26@\$38. H M Lowe sold 8 extra cows \$45, 2 at \$32 each, 3 at \$35.

Fat Hogs.

Market is this week steady as regards prices both on western at 41/4 @41/3c L W, and northern dressed at 51/3c D W. Live Poultry. 1 ton on sale; a part came by eastern steamers. Prices paid 9@10c ib. Boston & Albany Yards, Brighton. WESTERN BEEVES PRICES ID CWT. ON THE LIVE WRIGHT.

Brighton, Tuesday and Wednesday.

May 24 and 26. May 24 and 26.

The arrivals of cattle yarded amounted to 1629 head of which 1258 were from the West. The Western beeves are still of good quality well acapted for home or foreign trade. They give good satisfaction. Prices this week are less by 4a cb, butchers were buying light not being heavily pressed for beef. Western steers at 44 according to the steer of the steer at 2a. Wills 7 beef cows of 350 bs at 2a. Wills 7 beef cows of 350 bs at 2a. Wills 7 beef cows of 350 bs at 24 cc. Uss at 44 cc. B C Corbert sold 8 beef cows of 1005 bs at 44 cc. B C Corbert sold 8 beef cows of 1005 bs at 82.90 P cwt. 1005 ths at \$2.90 P cwt.

Late Arrivals and Sales. Buyers were not numerous and cows were selling slowly during the morning hours but an improvement later in the day, with less arrivals steady prices were effected.

Libby Bros sold 7 mileh cows at \$37.50 each, and a standard sta Libby Bros sold 7 mileh cows at \$37.50 each, 3 nice cows at \$50 each some springers at \$40 a head and cows \$25@\$33. Wardwell & McIntire sold 10 cows \$30 @\$50. M D Holt sold 10 extra cows that went out to Springfield at \$42.50 each, 10 cows \$25@\$40. Ihompson & Hanson sold 4 cows \$45@\$50, 3 at \$145 for the lot, 5 co s \$30. O H Forbush with 18 head, sold beef cows 2½@ 3½c of \$50@1150 fbs. J S Henry sold 30 cows from \$28@\$50. Harris & Fellows 18 cows from \$25@\$45. H M Lowe sold at a range of \$25@\$38.

Store Pigs —Small pigs \$150@\$250. Shotes at \$3@\$5.50 a head.

Brighton, 71/2 @7% c P lb; country Tallow.-Brighton, 3@31/2 c P lb; country lots Calf Skins.-70@\$1.40. Dairy Skins. -35@45c. G. J. FOX.

Boston Provision Market.

The pork market continues quiet, with prices The pork market continues quiet, with price steady.

Hams are quiet, with lard firm.

Pork, long and short cuts \$\psi\$ bbl, \$15 50.

Pork, light and heavy backs. \$14 00@15 00

Pork, lean ends, \$\psi\$ bbl, \$16 50

Tongues, beef \$\psi\$ bbl, \$16 50

Tongues, pork, \$\psi\$ bbl, \$16 50

Shoulders, corned and fresh, \$\psi\$ th 7c.

Shoulders, corned and fresh, \$\psi\$ th 7c.

Shoulders, smoked, \$\psi\$ th 7½c.

Hams \$\psi\$ lb, \$\psi_2@9½c.

Pork, loose, \$\psi\$ th 8½c.

Ribs, fresh, \$\psi\$ lb 8½c.

Sausage meat \$\psi\$ lb 7c.

Lean sausage meat, \$\psi\$ lb 7c.

Lard, in tierces, \$\psi\$ lb 7½c.

Lard, in palls, \$\psi\$ lb 8½ g8%c.

Lard, in palls, \$\psi\$ lb 8½ g8%c.

Lard, in palls, \$\psi\$ lb 8½ g8%c.

Boston Produce Market.

Wholesale Prices.

Chickens, common to good Fowls, extra choice..... Fowls, extra choice.
Fowls, common to good.
Chickens Phila good to choice.
Pigeons, tame \$\psi\$ doz.
Western, iced.
Turkeys, choice hens
Turkeys, toms
Br. Hers, good to choice \$\psi\$ lb.
Stags. .1 25@1 75 choice hens

Live Poultry.

There is a light supply of fowls and a good demand a good demand a good demand a good demand solve quotations.

The market is quiet and unchanged. Receipts are quite liberal but demand is light. Best marrow pea are selling generally at \$1.40. But few mediums offering Yellow eyes steady but quiet Red ki neys scarce and small sales are making above quotations.

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The market is quiet and unchanged. Receipts are quite liberal but demand is light. Best marrow pea are selling generally at \$1.40. But few little, but a good deal of experience with it of late years, and I don't now

Union Yards, Watertown.

Tuesday, May 24, 1898.

Ern beefs have arrived at intervals during it as wanted for home and foreign trade, liness was conducted in much the same last week, only that western cattle did as much by 34c lb. This decline of war a basis of action on what were sold line from the New England states. J 8 of Western Massachusetts sold a few for the said prices paid did not amount of yway of profit. Those calculating on last prices were left. 17 @ 16 % @ 17

171/2 @ .17@ .. 16@ ...14@15 Extra western creamery

Common to good

Trunk butter in 1/2 or 1/4 fb prints

Extra northern creamery

Extranorthern dairy

Common to good.

Extra western creamery

There is a steady demand for old cheese, with prices fully sustained. Fine fall north, are firm at 9c with some special marks higher. There is a fair supply of new cheese, but only a limited demand. Best north, twins and small sizes have a slow sale at 868%c. Liverpool quot. white 40s.
New York, small, extra P ib.

"first P ib.
"large extra P ib.
"first P ib."
"first P ib."
"seconds P ib."
Part skims \(\psi \) ib.
Western twins, extra

Receipts are not very heavy, and there is only a moderate supply of choice fresh stock offering. Fancy Michiwan, northern Oh io and Indiana are generally held at 12c average loss off. Other western sell at 11@11½c as to grade, with seconds quiet at 9½c. Strictly extra eastern in light supply and firm at 12c.

Receipts of old potatoes continue liberal, there is a large supply at the roads and the market is very dull and weak, B-st Aroostook "Hebrons are moving very slowly at 80@85c. Cely a few extra York State Rurals exceed 90c; fair to good tot pleety and dull at 80@85c. Burbanks selling slowly and at easy prices. Chenangoes are stead: at 90c. New southern in good supply and moderate demand at about former prices, No. 1 Rose and Hebrons at \$3@4 as to grade. Extra marks steady at \$4; fair to good slow at \$3@\$\$3\$ \$50; No 2 dull at about \$2.

New—
Florida, No. 1, Rose & Heb. \$\varphi\$ bbl ... 3 00@4 00
Florida, No. 2 " " @2 00
Florida, No. 1, red vari ties ... 2 50@3 00 North Carolina, bbl. erts.....

Green Vegetables. Asparagus is in good supply and steady at \$2@2 25, but most sales at \$2. Beets are plenty and in moderate demand at \$2@4 \$2 100 bunches. Cabbages in heavy supply and cleaning upsiowly and at low prices, some ordinary at 35c. Cucumbers plenty ard dull at 75c. Orlons in good supply. Bermudas steady at \$1.75. Good to choice Egyptian sell at \$2.75@3, but there are some smalthat have to igo at \$2.50 \$2 bag. Peas are poor and cleaning up for what they will bring Florida marrow squashes in moderate supp y a \$2.50 \$2 bbl. Green bears plenty but generally ordinary. Wax beans scarce and fancy lots it demand at \$1.75. Tomatoes steady. Turnips in light supply.

Cucumbers, hothouse, each.
Cucumbers Fla. \$\psi\$ crate.

Kale, Norfolk \$\psi\$ bbl...

Kale Balt \$\psi\$ bbl...

Lettuce, bot house \$\psi\$ doz...

Onions, Bermuda, \$\psi\$ crate.

Onions, Expytian \$\psi\$ bag...

2 Parsnips \$\psi\$ bu...

1 Peas, Sayanı ah and Charleston, \$\psi\$ bskt

Peas, N. C. \$\psi\$ bkt. Peas, Savani ah and Char Peas, N. C. P bkt..... Peas, Norfolk P 1/2 bbl... Peas, Balt. P bush. bsk... Radishes, & doz.
Rhubarb, Chicago, & 50 lb.
String Beans, Florida green & crate.
String Beans, Florida wax lb crate.
String Beans, Sav. & crate.
String Beans, Tenn. green & crate.
String Beans, Tenn. wax & crate.
Squash. Hub bard. & ton.
Squash. turban, & bl.
Squash. marrow, & bbl.
Squash. matrow, & bush. inach, native W bush

Spinach, native & bush.

Turnips, Jersey Russia, & bbl.....

Turnips, yellow & bbl....

Turnips, St. Andrews, & bbl....

Tomatoes, Fla. choice & carrier.

Tomatoes, Fla. com. to good.... There is nothing of consequence doing in apples and prices are nominally unchanged. Good to choice herries soid generally at 8@10c with some fancy N. C. Gandy's at 15c and upwards. Pineapples are in good fair supply, but demand is only moderate. Prices about as last

Strawberries. Tallow. Hides and Pelts. Calfskins, 5 to 12 lbs each . " overweights, each...
" south, fint dried P ib...
" salted P ib...
Deacon and dairy skins...

Choice Canadian P bu | 20@23 | Choice Canadian # Du | Choice Canadian # Du | Common | Green pass, Western choice | 12@13 | 8@10 | Green pass, Scotch | Choice Canadian # Du | Choice Dried Apples. The market for evaporated apples holds firm and there is a fair demand. But little call for sun

dried.

Pea, N.Y. & Vt. small H. P..... Pea, marrow, choice, H. P
Pea, screened.....
Pea, seconds...
Mediums, choice hand picked ...

Flour and Grain,

Flour.—The market continues firmer, with prices steady. Spring patents, \$7.10@7.50
Spring, clear and straight, \$5.75@6 75
Winter, clear and straight, \$6 90@
Winter patents, \$6 75@7 25.

Corn Meal.—The market is firm at 89@91c at bag, and \$1 95@2 00 P bbl; granulated, \$2 40@2 60. Graham Flour.—Trade continues quiet, with he market quoted at \$4 25@6 00P bbl. Rye Flour.—The market is quoted at \$4 00g Rye.—The market continues quiet at 80@85e Corn.—Demand is good with market steady.

Corn.—Demand is good with mark
No 2 yellow, spot, 45c.
Steamer yellow. spot, 44½c.
No. 2 and steamer spot, 44c.
No. 2 yellow to ship, 45c.
No, 3 yellow 44½c.
Oats.—Quiet but firm.
Clipped, fancy, spot, 38½c.
No. 2 clipped, spot, 38½c.
No. 3 clipped, spot, 38½c.
Rejected white, spot, 37½@38c.
Clipped, to ship, 38@38%c.
Milload.—Trade continues quie Clipped, to snip, 38@38% c.
Millfeed.—Trade continues quiet, with price teady to ship.
Middlings, sacked. \$15.25@\$19 00
Bran, spring, \$15 25@
Bran, winter. \$17 25@
Red Dog, 21 50@22
Mixed feed \$17 00@18 50.
Cottonseed meal, \$21 50.

Mait.—The market is steady with trade ruling ull. State grades, 6-rowed, 58@63c. State, 2 rowed, 53c. Western grades, 53@60c.

Fresh and Shell Fish.

The market continues quiet, with prices steady Oysters in light demand. Lobsters quoted unchanged, with clams steady. Market cod, per fb, 14,@2c; large, 2½.@3c; steak 3½.@4c; padock. 1.2½.c; steak, 1½.@2c; bake, 1.2½.c; steak, 1½.62.c; bluefish, 6@7c; cusk, 1@1½.c; steak, 1½.62.c; bluefish, 6@7c; cusk, 1@1½.c; steak, 1½.62.c; bluefish, 6@7c; cusk, 1.21½.c; steak, 1½.62.c; bluefish, 6.22.c; alewives, 75c.21.00 per 100 count; fresh mackerel, each, 13.214c for large roe shad, 15.261c; bucks, 10.211c; butter fish, 11c; scup, 3.24c; oysters, Norfolk standards, per gal, 41; Prov River, \$1.25; standards, per gal, 41; Prov River, \$1.25; standards, \$1.75; Blue points, per bbl \$7.25; per bush \$2.50; lobsters, live, per lb \$c; beiled, 10c; clams, per gal, 50c

Cable advices of this date to George A. Coch-

rane from the principal markets of Great Brit-ain give butter markets as somewhat steadier. The receipts continue very large from all quar-The receipts continue very large from all quartars, but the low prices have greatly stimulated the consumption. The weather conditions all over Europe are very favorable and the make is heavy and arrivals are large. Finest Danish isc to 19c and some fresh landed Canadian have sold for 16c to 17-12c. No American offering. Cheese markets are very dull and prices are purely nominal, all classes of buyers being well stocked at that moment. Holders are becoming anxious. Nominal value of finest American and Canadian 40 sto 42s. and Canadian 40 sto 42s.

Country Real Estate.

A hundred-acre stock farm in Grafton, buildings, has been sold to E. T. Curry of

The Merrill estate of Bridgewater, belonging to W. C. Merrill in Boston, comprising one hundred acres, with a complete equipment of buildings, has lumber and be smooth iuside. The been sold to Arthur P. Ayling of Wiscon- advantage of using the hay chutes for

uated in Weathersfield Centre, Vt., on the count of being so large. Connecticut River, comprising sixty acres, with a complete set of farm buildings, stable through flues under the stable has been sold to D. W. Crosby of Boston, who buys for investment.

The estate belonging to Colonel Benja- near the manger of the cattle. There min F. Drake, known to the old residents should be one fresh-air tube of Worcester County as the Nathan Saw-in the partition between each two cows. yer, or Pollard, estate, located about a These flues should be four by six inches, mile south of the town of Bolton, consisting of about a hundred acres with a large made of common boards. The inlet of ing of about a hundred acres with a large old-fashioned, colonial mansion, grist and the fresh-air flue should be provided old-fashioned, colonial mansion, grist and the fresh-air flue should be provided with an elbow at the outside of the machinery, an up to date farm in every building to prevent wind from blowing sense of the word, has been sold to directly into it.—A. G. Loftness, Stock sense of the word, has been sold to directly into it .- A. G. Loftness, Stock Charles E. Giddings of Dorchester, who and Home. is to make this his home. Colonel Drake

leaves immediately for the South. The stock and milk farm belonging to 4@6 and has taken possession.

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105/g emies makes it impossible to grow profitable any farm machinery you may need. hold them in check. Nothing is better than = Chemical Co. of Leominster, Mass., which, it is claimed, will effectually control potato, squash SURE DEATH TO BUGS. and cucumber bugs, currant, tomato and cabbage worms, etc., and prevent blights and rusts. It can also be used for lice on farm anmals and poultry. Being nun-poisonous it is especially adapted to use for house plants. Sample packages will be sent free to any reader of the Mass. PLOUGHMAN, who will state that he was directed to ask for it by this paper.

Killing Quack or Witch Grass.

Kills Potato, Squash and Cucumber Bugs, Currant and Tomato Worms, etc.

PREV: NTS BLIGHT or Potato Rust. Use freely on Vegetable and House Plants. More freely used, better plant will thrive. Applied dry, no water to carry will not blow or wash off.

1 lb p'ck'g, 35c; 3 lb and cucumber bugs, current. tomato and cab-

grass. I have said many a time that I @1 60 have any serious objection to it, as I have any serious objection to it, as I

1 40@
10 al 10
1 45@
1 20@130
1 00@110
1 45@
1 20@130
1 00@110
2 15@135
1 25@135
1 25@135
2 00@225
3 3½@3¾

have any serious objection to it, as I
have learned just how to handle it.
Plow the field infested, late in the fall, and plow all of the ground, leaving it as light and rough as possible through the winter, and then work it often an only of the next spring not to let a

again plowed under. If to be killed in a cultivated crop, it must be so often worked as not to allow it to breathe, and it will soon quit. But the easiest and most effectual way to eradicate it is to plow the field shallow and late in fall, leaving it as rough as possible, so that the frost of winter may kill a good many of the root stalks. Then in spring, as soon as it shows the least sign of growth, start the Cutaway or some other tool, and go over the ground so often, every week, if necessary, as to keep down every vestige of growth, so that no plant gets a chance to seed, and my word for it, the last spire of quack will be dead by the middle of June. This is no guesswork .- J. S. Wood-

Ventilation of the Barn.

The ventilation of barns is something that is never too carefully considered when planned. There should be an abundance of fresh air, and at the same time sufficient heat. The method of ventilation by open doors and windows is unsatisfactory in cold weather. The fresh air and heat are not equally distributed in the stable. In my opinion flues from the stable, running up through the haymow and through the roof. These flues should start about one foot if possible, in the cleaning alleys. It is better not to have the flues run up by the outside walls, for then they are cold, and consequently do not draw well. The flues should terminate in one or Foreign Butter and Cheese Market. two cupolas on the roof, where they will work on the same principle as chimneys; the higher they are the stronger will be the draught.

Another method is to use the hay chutes for ventilators. They are built stable up through the haymow and then through the roof, terminating in a cupo la on the ridge. There should be doors above the other, so that the hay may be easily pitched into the chutes; these doors should always be kept closed N. H., together with a complete set of ing hay below. The chutes should, of course, always be left empty, and the draught can be regulated by the doors near the stable floor. The chutes should be made from dressed and matched ventilating is the saving of space and material. They draw very well on ac-

The fresh air should be let into the floor, leading from the outside and terminating in a perpendicular angle in or

C. W. Blood of Boston Highlands, situated Thirty-four years of success. This is the .3 00@4 00 near the Lunenburg station of the Fitch- record of the Richardson Mfg. Co., who adverburg Railroad, comprising 150 acres, tise the Worcester Mower in our columns this with a commodious residence, has been issue. They claim it as the best mower on the sold to W. L. Russell, of 110 Hampden market, and the result and culminating success street, Roxbury, who buys for occupancy, and has taken possession. any other mower, and this is the testimony of A vegetable and fruit farm in Bridge- all who have compared its work with that of been sold to H. D. Crowell of Boston, easier for the driver, thus saving the strength who has bought for a residence. There of both for other work. It lasts longer as has are eleven acres of land with suitable been proved beyond a doubt. It costs more than cheaper mowers but the investment brings parger proportionate returns in the end. The Richardson Mfg. Co. stand ready to give overwhelming proofs of every point spoken of. The great number of insects and fungous en-Send for a catalogue and get their prices on

(Safe to Use-No Arsenic-Sample Free.)



LEGAL NOTICES.

Commonwealth of Massachusetts. MIDDLESEX, 88.
PROBATE COURT.

ARMSTRONG & MCKELVY BEYMER-BAUMAH DAVIS-CHAMBERS PARMESTOCK ANCHOR ECKSTEIN ATLANTIC BRADLEY BROOKLYN JEWETT ULSTER UNION Chlongo SHIPMAN COLLIEB MISSOURI RED SEAL SOUTHERN JOHN T. LEWIS & BROS C MORLEY Cleveland.

BALEM

CORNELL

KENTUCKY

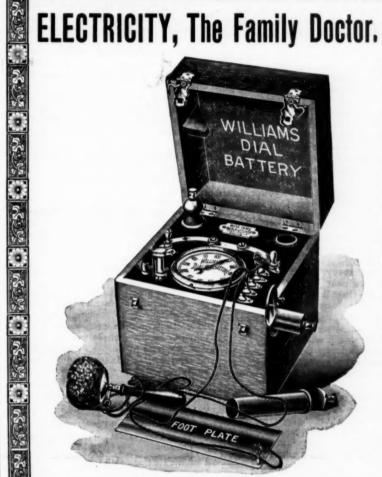
-good, indifferent, bad. A good Pittaburgh reputation is the sort that pays-Cincinnati the only sort that you, as a dealer or painter, can afford to have. It can only be acquired by selling and using the best material. In paint, Pure White Lead (see list of genuine brands) and Pure Linseed Oil are the St. Louis

HERE are several sorts of reputation

FREE By using National Lead Co.'s Pure White Lead Tinting Colors, any desired shade is readily obtained. Pamphlet giving valuable information and card showing samples of colors free; also folder showing picture of house painted in different designs or various styles or combinations of shades forwarded upon application to those intending to pain

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Whitman Agricultural Works, Auburn, Me., Patentees and Manufa King of the Cornfield CORN PLANTER and FERTILIZER DISTRIBUTOR smachine plants corn, peas, beans, beet and similar seeds with or without fertilizer, we or dry. The fertilizer drops right and left of the seed, mixes with the soil and will not injure the seed. This feature is not found in an other machine. It drops any quantity of seed of fertilizer at desired distances, in hills, checks of drills. One man with horse can plant 7 to 10 acre per day. We pay freight on receipt of price. Simple, durable, fully warranted. FARM CARTS and CONTRACTORS' SUPPLIES a SPECIALTY for full particulars, write JOSEPH BRECK & SONS, Corp., 47 to 54 North Market St. or call on our N. E. Factors, MASS.



Will positively CURE

Rheumatism, Paralysis, Neuralgia, Nervousness, Sleeplessness, Dyspepsia, Pains in Back, Stiff Joints, and all Blood Troubles.

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We send large foot plate and Sponge Electrode FREE with Battery. Our Batteries are all Dry Cells. Our Book of Explanations showing how to operate

Battery, for various diseases is sent with each Battery. We send C. O. D. Subject to full examination at your Express Office. Testimonials from Physicians and Customers mailed on application.

SEND FOR CATALOGUE.

TESTIMONIALS. Among the many thousands of Testimonials we here print a few which come from Physicians and Customers. Our catalogue contains scores of letters of similar testimony that OUR ELECTRIC BATTERIES ARE WORTH THEIR WEIGHT IN GOLD FO THE AFFLICTED. Send for Catalogue. Our Batteries Superior to Others Costing Much Higher Prices.

Dear Sirs:—I have used the Battery myself and on others and have been well pleased with its effects. As a battery it is sup-rior to other makes even of higher price. I will do anything I can for you and wish you the greatest of success.

Very truly yours,

ALONZO LUNG. Bt. Albans, Vt., June 17, 1890.

Dear Sirs:—The Williams Perfection Battery you sent me has arrived. Am well iteased with the same.

Yours respectfully, C. C. LAWRENCE.

Dear Sirs:—I suffered terribly with Rheumatism and my wife with Neuralgia. I bought your Battery and in six weeks' time we were both cured. We loaned the Battery to our neighbor, who was a sufferer with Paralysis resulting from an accident, and he was cured. I wou d not take \$50,00 for my Battery.

Yours, etc., M. R. SMITH.

Weak Back and Shoulders.

Dear Sirs:—I bought your Battery for weak back and shoulders. I found that it did me a deal of good, The Battery is all you claim for it.

Yours truly, LEWIS WAY.

UNITED STATES BATTERY AGENCY, 101 Beekman Street, NEW-YORK.

Commonwealth of Massachusetts.

MIDDLESEX SS.
PROBATE COURT.
To all persons interested in the estate of HARRIET A. CARNES of Somerville, in said Coun-

Commonwealth of Massachusetts. MIDDLESEX, 88.
PROBATE COURT.

Mediums, screened 1 20% 130
Me To all persons interested in the estate of FRAN-UIS HAWKES, of Wakefield, in said County

THE HOUSEHOLD.

DANDELIONS.

Upon the showery night and still, Without a sound of warning, A trooper band surprised the hill, And held it in the morning. We are not waked by bugle notes,

And yet, at dawn, their yellow coats On the green slopes paraded We careless folk the deed forgot;

Till one day, idly walking,
We marked upon the self same spot
A crowd of veterans talking.
They shook their trembling heads and gray

With pride and noiseless laughter And ne'er were heard of after

THE BIRD CONFERENCE.

It was conference time and crowds of birds were convened in Farmer Selden's

The all-absorbing theme of the conference was, of course, where should these birds be settled, where make their homes during the coming season?

meeting, the crow was secretary, while waxberry bush under the bedroom the cuckoo and the hummingbird were window.

The grosbeak, casting his bright black eyes over the audience, called the meeting to order and sweetly announced that the bluebird would favor them with a song, a song of the springtime.

The crow solemnly gave the minutes of the last year's meetings, and made place for the king bird who proceeded to state, that the woods, the orchards, the grass and grain fields, the marsh and meadow lands of the wide Selden farm offered great choice of it." homes, that there was food for all, and protection was sure, for the good farmer was a member of the Band of Mercy.

Then up hopped the woodpecker and moved that as these facts were indisputable, each one should be allowed to home, and, no objection being made,

This motion was carried by acclama- much more genteel place of resort. tion, and great waving of wings fol-

"The meeting is now yours," said fort in a home. the moderator, "please to name your chosen place without formality, only I she couldn't live where so much was would suggest that the order of your arrival might somewhat determine the order of the speakers."

old pine tree near the oak woods. It across the way.

bluebird, "and I would like to build in ence, "it would be well, before we adthe hollow stump which stands in the journ to resolve yourselves into commitcorner of this field. You'll see me com- tees, pledged to help Farmer Selden in ing down to the gardens though, for I return for his kindness, and I call for shall want some spiders and caterpillars for my family.

The robin looked very cunning as he said, "Farmer Selden would miss me if I didn't build in the cherry tree behind the dairy as I did last year.'

"I think you are going down there to get cream," said the bobolink; "you're "Well!" returned the robin, "Mrs.

Selden laughs when she sees me. I believe she sets a saucer purposely for me. It is good to accept what the gods provide.

"Order!" cried the grosbeak, with dignity; "let business be strictly at
BEETLE CATERPILLAR AND WORM COMMITTEE closing is made invisibly in the center some very fetching evolutions being narily thin batter. Add half a tea-Mr. Secretary, you are tended to. next."

The crow tried to look dignified. "Mr. Moderator," he said, "you will probably wish the big laurel thicket for your home. I desire to be your neighbor and have my house in the tall hemlock just beyond. The grosbeak bowed his head in re-

saying in a jerky fashion, "I'm going to war upon the caterpillars. The grackle dig a hole in the poplar tree on the intended to fight the grasshopper legion.

orchard.

woodpecker, "and my cousin, the yellow the pear tree grubs. The cuckoo and the girl who is to graduate that her being at the same time dressy and ly with salt and pepper, some fine hammer is going into partnership with cedar bird determined to keep away the gown should be made in the correct always becoming, no matter what the cracker dust and a few bits of butter,

"I'm going to reside in the same square as Mr. Nuthatch," said he, "I shall live help everybody everywhere. in the larch tree opposite.'

"All right," assented the bluejay. "and I'll take the big cedar on the next

you," said the cedar bird mischievously, for he knew none of the others wanted any. By way of reply, the crow lifted his scalp lock, the nuthatch snapped his mandibles, the grackle looked indifferent, but the blue jay flew in a rage and shrieked, "You know I eat nuts. I As little children gather round their mother, plant more nuts and mast than any other bird; Selmar Hess is my author
Mand beg her a familiar tale to tell,—
One that is dearer than any other,
Because so often heard and known so well;

come down from such loftiness. I shall And cry, alter said the red winged blackbird, "let us have a cool summer residence among the cat-tails and flags of the marsh." "When any of you wish to live by the water, come and see me," said the

"I accept your invitation," said the swamp sparrow. "I will take the Tell it with all the old-time strength and glory

clump of hazel bushes close by you." "And I will live in the barberry hedge by the cart path," said the indigo

"I," said the field sparrow, "shall make a neat house on the ground."

"Why!" said the bunting, "that's ex-actly what I intended to do." "Well, there's plenty of room on the ground," said the brown thrasher.

I'm coming there, too, but I like the bottom of a dry, grassy ditch best." "You're welcome," said the bobolink saucily. "I'm not particular myself, and I sing so much, I'm tired at night and glad not to have to fly far or high.

I like the soft meadow grass for my home." "Please invite me," said the chewink. "I like grassy places if not too near

houses.

partridge. "I like the ground," said the woodchuck, "but I want some running water near my home." "Then come and live next door to

old oak." "And I," said the tanager, "I will

take the pine tree behind the oak belt . MASS. FLOUGHMAN COUPON. "I'll come and live by you," said the

pewee. "I like quiet places."

"Oh, how foolish," screamed the catbird, "how foolish you all are to go so . far away from people who are so kind . to you! Now I shall make my home in . Name the big gooseberry bush by the stonewall on the north side of the garden." .

"I'm going to have the third box in the garden," said the purple martin. "One can feast on grubs every day . there." "Well!" said Jenny Wren, "I had .

a box last year, but this year, . The grosbeak was moderator of the I'll make my house in the great Mrs. Selden likes me and gives me bits of thread and string to build with." "I shall make my home in the althea

tree in the front yard," said the goldfinch.

"I'll keep an eye on your safety," said the polite oriole, "for I shall hang my home on a branch of the great elm tree by the gate."

"I'm going into the orchard," said the vireo, "a fine, tall pear tree grows there and I shall take the top twig of

The humming bird declared he had found an old apple tree whose knots were exactly the thing to model his home by.

The barn swallows said there never were animals in the sheds in summer, state where he would like to make his and they were going to colonize there; while their cousins, the house swallows the matter should be considered settled. affirmed that the chimneys afforded a

The sand martins remarked that the bank of the brook was their idea of com-The phoebe said sadly, she was afraid

To assure Mrs. Phæbe, the lordly king

"Well!" said the nuthatch, "I was bird declared that he should observe here in February, and I selected that everything from his home in the maple has just the right hollow to suit my pur-able homes on this farm," said the gros-

"I suppose I came next," said the beak, as he rose to conclude the confervolunteers."

A great stir arose, but presently the reporters proclaimed the names of the following committees.

TREE GRU	JB COMMITTEE.
Woodpecker Bobolink Blackbird Nuth	Yellow hammer Oriole Oven bird
INSECT	COMMITTEE.
Cat bird Pewee Sparrow Swallow Tanager	Phœbe King bird Martin Wren Thrush

Partridge Cedar bird Grackle COMMITTEE ON SEEDS OF WEEDS Blue jay

Bobolink.

Swamp sparrow

The robin promisea to catch the early ply, for the woodpecker was already worm. The bluebird decided to wage The partridge said he would lessen the "You'll never be at home," said the turnip grubs. The vireo avowed himrobin, "you'll always be grubbing in the self an enemy to the beetles. The woodpecker said he would look after the "That's very profitable business for oriole asserted he would diminish subject of considerable importance to the pear tree graphs. The condenses and quince bushes. The says Harper's Bazar. It naturally is a durable, shedding the most stylish and durable, shedding the dust and cinders, and then carefully break an egg upon the top of each one; sprinkle the eggs light-The purple grackle put up his head, and sparrows agreed to eat the seeds of weeds. The bobolink said he would

> In fact the meeting waxed exceedingly enthusiastic and noisy but the grave moderator, tersely observing, "Actions speak louder than words," announced occasions later on. As a rule, girls of like a cord, being many in number and

SPRING. BY BESSIE CHANDLER.

"Order!" cried the grosbeak. "Yes," And as they watch her, prompting should fal-And any variation quickly see.

"Don't tell it so, don't change and We want it just the way it used to be,"-

So do we come to thee, O Nature-Mother, And never tire of listening to thy tale; redstart. "I shall keep open house on a little twig over the brook."

And never the or instance to the story now,—no other,
That hath wondrous charm, which never

> Fill it with many a happy song and shout; Don't miss one bird or blossom in the story, Don't leave one daffodil or daisy out. ssom in the story,

Tell us each shade in all the trees' soft green-

wren,— Each little thing has grown so full of meaning, In the dear story we would hear sgain.

O Mother Nature! thou art old and hoary, And wonderful and strange things thou canst

But we, like children, love the spring-time And think it best, because we know it well.

The evil that men do lives affer them; The good is often interred with their bones.-Shakespeare.

"That's what I say," said the quail. to reflect upon. At his feet something good. The apron front with deep quently, serve and one has a dish to be was an impossibility. On his way to the doctor's, the carpenter stopped to "My preference is the meadow near the to cultivate and gather; above his head something to study and meditate upon;

"I agree with you both," said the THE HOME CORNER.

FREE PATTERN.

"Then come and live next door to me," said the wood thrush, for I shall have my home by the little brook that runs from the marsh to the woodland and through the meadow."

"That wood lot is my choice," said the oven bird, "I am going to build under the horizontal bough of the stunted old oak."

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THE HOME CORNER, MASS. PLOUGHMAN,



7354 Girl's Costume.

Fawn-colored cashmere and golden white is worn.

of this costume recommends it to moth- tates. ers who do their own sewing, it being Sleeves are smaller than they were rows of velvet will cover up joints that front. length of both skirt and waist. A sash tachable collars and cuffs to match, the to the palate, and not harmful in the worn around the waist gives added white linen ones will be as much worn least. style to the otherwise up-to-date cos- as ever.

terial 44 inches wide. The pattern, with tucked and hemstitched ends. pieces of cooked meat or poultry one 7354, is cut in sizes for girls of 6, 8, 10, These are wound twice around the neck may have on hand. Chop the meat 12 and 14 years. With coupon, 10 and knotted or tied in a large boy in finely and add to it half its quantity of

cents.

attention of anxious mothers, not to pressible, and is continually developing Butter shallow cups and fill them threecanker worms. The finches, buntings style. Then the majority of girls who figure or complexion may be. The very and bake them from eight to ten mingown that is not only suitable for the scye to the front, where they are lost priate for serving the eggs in. one occasion of graduation, but that under a box-plait. The tucks in many can be made to do duty for other festive instances are very small and stand up "Pil share my juniper berries with its adjournment.—Primary Education. a class dress alike, and at the most sensible colleges there is always an effort from neck to waist, others from neck to made to choose some style that will come within the means of all.

in midsummer, so it will not do to slightly clear around. choose too heavy a material. Cloth and One made in this style was charming even cashmere is quite too warm, and on a quite slender figure, and with it it is necessary to have something that was worn a black satin belt embroidered not only looks, but is cool. There are with different colored jewels, and held this season a great many varieties of together in front with a gold buckle set thin woollen goods that are not expen- in jewels to match. An old-fashioned sive but are effective. The crepons are seen again, while there are some varieties of cotton crepe that are effective front, while black satin cuffs were held and decidedly cheap. These last have together with gold dumb-bell cuff-but-the advantage that they will wash. Of tons set with emeralds. The skirt worn course there are any number of white with this waist was a green ladies'silks, but the price of silks is higher cloth trimmed with innumerable rows than last year, and a good quality will of black satin folds. cost at least seventy-five cents a yard. This silk is so narrow that it requires many yards to make a dress, and so it will easily be seen silks are among the spring dinner and may be had before often be found in good condition for use expensive gowns. Dotted muslins and other vegetables are plentiful. They as late as November. plain muslins are not expensive, and may be secured by thinning out the are very effective. They do not require plants, or if not plentiful enough, the Don't skip one blade of grass, one bee, one to be made up over silk, but will look larger leaves may be taken from each very smart put over lawn skirts. They plant without injury to the turnip, says hand may not be a nice and pleasant are prettiest when trimmed with lace, a writer in the Practical Farmer.

but can be made very effective if trimmed with narrow ribbon.

ribbon put on full. The prettiest way which is softened by the addition of the tor," said one of the sisters. The man to make the waist is to have it quite sugar. In fact, for years we have never demurred. "Yes," said the sister with simple, shirred on the shoulders, and in used vinegar without the addition of gentle insistence, "it will do no harm, front quite full. This also should have the sugar as the flavor is so much im- anyway." She quickly filled within an bands of insertion. Over the tops of proved by it. All cooked vegetables inch or so of the top a rather widethe sleeves are epaulettes edged with requiring a dressing of vinegar have a mouthed bottle with steaming hot water, lace. The sleeves themselves are pret- better flavor if the vinegar is added a and as she held it, another sister pressed tiest when shirred the entire length, few minutes before they are removed the inflamed part of the injured hand

> that drawn in under the belt. It is not served with vinegar and sugar as lettuce. drawn with great force into the bottle. worth while to put insertion across the At this season when vegetables are He would have taken it away, but the back, for it will add greatly to the ex- scarce and potatoes not so good as in sister was holding it gently but firmly. pense, and besides is not always becom- winter, the cook is at her wits end to Then there was a feeling of relief; it ing. As a rule, a plain back is the best. provide a variety. If potatoes are seemed as if the inside of that hand had Taffeta sashes two fingers in width, tied pared, sliced about an inch thick, become liquid and was pouring its unwith a small bow and long ends, and a dropped into very cold water for five pleasant contents into the bottle. That stock-collar of the same ribbon, the bow minutes, then fried in very hot fat, be- was almost exactly what was happen-

very badly always. Among the new fashions for this frying pan with hot drippings and

summer are flounced skirts with three quickly fry a delicate brown on both flounces, one overlapping the other, sides. and extending from the belt to the hem. If potatoes are pared, cut in dice, a This style is very effective, but the skirt layer put in a baking pan and lightly should then be made narrow and the sprinkled with flour, salt, pepper and width given by the flounces. Not bits of butter, another layer of potatoes every girl can wear a flounced skirt. It and so on until all are used, barely takes off so much from the height. covered with rich sweet milk, the pan When it can be worn it is most becom- closely covered and set in the oven and

varied in styles, and true to early pre- sweet milk added to almost cover, and vated; but with parents who read dictions, the blousy front has the prefer- baked slowly, both meat and potatoes much-surrounded by an atmosphere of ence, says the Woman's Home Com- are fine. Water may be substituted for panion. Cotton cheviot, pique in all the milk although not quite so good. colors, duck and fine gingham are the The bottom of a frying pan may be popular wash materials for general completely covered with thin slices of wear. Stripes are very modish in pork, and over these sliced potatoes shirt-waists this year, and most of them placed the boiling water added to show run around instead of up and down. through the potatoes, but not entirely Bias plaids are also much used, and are cover them; the pan closely covered very smart-looking, but must always and cooked until potatoes are tender. be worn with skirts of plain, solid By that time the water will probably

being of very fine linen batiste that and are applied up and down, across, comes all ready tucked for this purpose. zigzig, slanting, in clusters or regula- pot boils, add this slowly, stirring con-The simple and stylish arrangement tion spaces, as fancy or figure dic- stantly to prevent lumps. Lastly, add

well adapted to the making over that last year, and the cuffs in many cases has so often to be done where the fam- are attached. Even where the fronts is delicious. Small squares of toasted ily is large. A yoke of velvet, silk or cannot be called a real blouse they bread are better than crackers to serve other contrasting material, with the fit- pouch a little, and the gathers extend ting portions of the sleeves to match, almost the entire length of the shoulder will eke out short material while the instead of being all directly in the

over fitted linings, the yoke being cut waist, new ideas seem to be forthcomsquare in pompadour style, and the ing every month, and there are still meal. Thin with cold water to an ordiback. This style is well adapted to made in the silken shirt-waist, which spoonful of salt, two tablespoontules of cotton as well as to woolen fabrics, and revels in plain solid colors, stripes, flour, the yolks of two eggs, and last, will be found easy to launder if the plaids and polka-spot effects. Taffeta the whites of two eggs beaten into the epaulettes are made adjustable, and the is the favorite weave, and really holds cakes. Bake on a hot griddle in the lower edge or puffs are arranged on a its crispnesss and newness longer than ordinary way. any other silk. With it is worn a high, To make this gown for a girl of ten stiff, white linen collar and a scarf of years will require three yards of ma- some paie-tinted silk muslin or chiffon ceptable way of using up very small

front. Commencement day is almost always under the arms, and are bloused very

When cooking greens of any or every times give someone a feeling of heartvariety, excepting beets, we put them felt joy, says the New York Times Gowns this season are made with the into boiling water, and after a few min- The sufferer who illustrates the matter skirts longer than they were last, and utes add a pinch of soda, stir well, cook on this occasion was a carpenter. He this rule applies even to wash materials. two or three minutes longer; turn out was working at his trade at an institu-Of course a long skirt is more graceful into the colander to drain, rinse with a tion over which the sisters of the Roman than a short one, but it will soil very little hot water, return to the pot with Catholic church presided. One day he much sooner, so it is not well to trim about a half pint of boiling water, salt, broke off an ugly splinter in his hand it around the foot with anything that pepper and a lump of butter; cover and and could not get it out. He went home cannot be washed or cleaned. The cook until tender, which will be from at the close of the day's work feeling no skirt should be made separate from the half an hour to an hour. Add a cup annoyance from the wound, but by the lining. The five-gore style is a pretty of vinegar and a tablespoonful of sugar, next morning the haud was in a serious A little garden to walk and immensity one; then the circular pattern is also cook five minutes longer, stirring fre- condition and so painful that working the flounce is covered with little narrow moves the strong or bitter taste that tell the sisters why he must delay his "You've excellent taste," said the stars in the sky.—Victor Hugo.

"You've excellent taste," said the stars in the sky.—Victor Hugo.

"You've excellent taste," said the stars in the sky.—Victor Hugo.

"Toffles of the same material, edged tartness very relishable in the spring, your hand before you go to the doc-

and finished around the wrist with a from the fire, instead of being added as gently down over the opening. Such lace ruffle. The back of the waist they are served. Young, tender tur- a peculiar sensation! It seemed to the should have only a little fulness, and nip leaves make a fine, pungent salad man that his whole hand was being

tied in front in sailor fashion, with the ing frequently stirred, and kept closely ing, and with the liquid went the offendedges trimmed with lace, makes a nice covered meanwhile, they will be brown ing splinter. The hand was bathed and finish for the waist. This style is equal- and crisp on the outside, sweet and bandaged, and the carpenter continued ly pretty in dotted or plain Swiss or mealy on the inside and a decided im- his work without further inconvenience. lawn. Lace will look better than em-broidery for trimming. There is no to. Another good way is to cut potanecessity for buying expensive lace toes in halves and quarters, boil in salt either; there are a great many effective water until they can be pierced with a laces among the cheap ones. But be- fork; the water is poured off and cover ware of any coarse thread; that looks removed from the kettle a few moments while they steam dry; then put into a usually it is only necessary to fur-

baked slowly for an hour; they are fine. Or if the potatoes are cut in halves, put in a baking dish and slices of ham or Spring and summer shirt-waists are even of fat perk laid over them and

have evaporated and the meat fried a Shirt-waists of plain, solid color are little on the under side. Add a half stomach, and that it is not overloaded. varied with bands of embroidered in- cup or cream or rich milk, re-cover and We prescribe proper food, pure air, sertion of heavy bands of lace, running cook a few minutes longer, stirring the and work and play intermingled for the up and down or crosswise, as the figure potatoes a few times. Serve by heaping body. Why not the same hygienic rules may demand, and many of them have the potatoes in the centre of the platter for the mind? There are the stimulabiased bands, cuffs and collar of plaided and arranging the slices of meat around lating books; the tonic of breezy, outor striped material. Others of plain, them. This is a very acceptable dish. of-door books; the books that induce solid-colored material have cuffs, collar Potato soup makes an agreeable addition thought, giving mental and moral disand front box-plait of polka-spot mate- to the spring dinner. Pare three large cipline; while for mind play give daily rial, in which case a plain white tie finishes short at the neck, and a belt of quart of boiling salted water. When tender add a quart of rich, sweet milk, brown silk velvet ribbon made this handsome dress, the yoke and collar way on shirt-waists of all materials, Smooth two tablespoontuls of flour in a producing happiness by causing these little sweet milk and when the milk in two well beaten eggs and cook a minute longer, stiring constantly. It should be of the consistency of thick cream and

Here is a recipe secured from an Eastern sanitarium for Corn Meal Cakes. are unavoidable when adding to the While many of the waists have de- They are as light as a feather, delicious duties of the young.—Anon.

Place one cupful of bolted corn meal tume. The blouse waist is arranged In spite of the long reign of the shirt- in a milk crock and pour over it enough

Egg Gems .- Egg gems are an acstale bread crumbs: season well with The black satin shirt-waist, though butter, salt and pepper and make the Graduation gowns always absorb the worn much during the winter, is irre- mixture slightly moist with sweet milk. mention daughters, at this time of year some new feature. For traveling, this quarters full with this mixture, and are at college have to consider expense, and it is a matter that requires consid- down or crosswise, or the tucks run Shirred egg dishes with the tiny handles eration on their part to choose some diagonally from the shoulders and arm- at one side are very pretty and appro-

> As a garnish parsley has been used so long that it is the recognized material for that purpose. It is beautiful and bust, while others are tucked up and graceful, I admit, but variety is the down, both back and front, as well as spice of life and I like a change occa-sionally, says a correspondent of Vick's Magazine. Few people realize what a treasure

the Giant Southern Curled Mustard is for garnishing when well grown, on rich soll where moisture is plenty, the leaves grow to great size and are beauti fully crimped and ruffled along the edges. One large leaf torn in two lengthwise will often be sufficient for an ordinary sized platter of cold meat, as only one layer of leaves can be used on account of the edges being so full and wide. Mary people like it as a sort of relish to the meat, and if young tender leaves are selected they are very tasty. It grows readily from seed, sowing itself, so that when once planted it continues to come up year after year. It Turnip tops make fine greens for the does not kill easily with frost and can

> Removing a splinter from a suffering subject, but home surgery may some

THE DUTY OF MOTHERS

Daughters Should be Carefully Guided in Early Womanhood,

What suffering frequently results from a mother's ignorance; or more frequently from a mother's neglect to properly instruct her daughter! Tradition says "woman must saffer " and young women are so taught, There is a little truth and a great deal of exaggeration in this. If a young woman suffers severely she needs

treatment and her mother should see that she gets it. Many mothers hesitate to take their daughters to a physician for examination; but no mother need hesitate to write freely about her daughter or herself to Mrs. Pinkham and secure the most efficient advice without charge. Mrs. Pinkham's address is Lynn, Mass.

In the course of an excellent article

Most children like to read, and

on "Children's Literature," in the Out-

look, Helen B. Lincoln says very truly:

nish the material, keeping a watch-

aloud and then left suggestively open,

they are unconsciously guided, and

force the attention, but to wait patient-

ly, or to introduce an animated discus-

sion over the actions and incidents of the

book. More consideration is commonly

shown for the stomach than for the

brain of the child. We see to it that

nourishing food is provided for the

laughter, and those stories which

children to live for a blissful time in an

Education, briefly, is the leading of

human souls to what is best, and mak-

ing what is best out of them .- Ruskin.

fulness, altogether past calculation its

powers of endurance.-Carlyle.

Wondrous is the strength of cheer-

Diligence, industry, and the proper

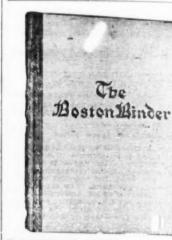
improvements of time are material

ideal world.

beautiful.

The following letter from Miss MARIN F. Jounson, Centralia, Pa., shows what neglect will do, and tells how Mrs. Pinkham helped her:

ful eye upon the kind of reading and "My health became so poor that I the amount they read. It is so easy to had to leave school. I was tired all the read an undesirable book, and sometime, and had dreadful pains in my times so hard to efface the impression side and back. I was also troubled made by it! There are many poisonous with irregularity of menses. I was flowers temptingly displayed, and the very weak, and lost so much flesh that wise parent prefers to accompany her my friends became alarmed. My child along the way-to direct his footmother, who is a firm believer in your steps: to divert his attention to those remedies from experience, thought perwhich are not harmful, and still are haps they might benefit me, and wrote you for advice. I followed the advice With some children the taste for good you gave, and used Lydia E. Pinkham's literature has to be more or less culti-Vegetable Compound and Liver Pills as you directed, and am now as well as I ever was. I have gained flesh and have books-with an intersting book begun a good color. I am completely cured of irregularity." if interest flags, it seems wisest not to



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HOW DOE How does the chances.

Now the frost

Bravely she so weather, smiles on the gether.
And at the end And the world How does the rising.

rising,
Daunting the
ing;
Here a wave, ti
Billow to billow
Heaving, reced
Now it is lowe
Now it seems
sistence,
Gayly and str
tance;
Till, at the end
It is full tide, a it; Now it resolve

ARGI tiny?" asked

I took he

It is full grown

best," answe primly. "I she went on a way of hel Mrs. Betts "Yes," pi tered by the proper prop don't believ which is, as sult to them in fact, and don't care fo stomachs, and ing their b em anythin Mrs. Bett sion to agre her own sitt

gets give ou ll-judged w tive know o and asked fo shoes. Tha and she got Shameful n call that," "I don't k sented Mrs. ganization h helping the "I know me," said M I will say t

"Nor yet

my money

some, anyw

And it set ots of timesay; and so the heft of cording to I "Nothing tiny," respo hain't all g knack of m Miss Ho "Well." some has another. hesitate son considered

that kind m

Fearful Mrs. Betts. "Yes," re y; "scraw her mind ar the scrawni I'm watchi if I don't g get her bod Mrs. Bett ed. "What that part of

self, and so

"It's all I joined Miss "Well, I "It don't know the ol way the wi "Well, I ture like A a visit, and and by the erally get of Catch me gi

business to not take an do for herse good living their straws it, Mrs. Be have spoke Mrs. Betts, be afraid of "I know you promis and do yo Mrs. Bett

she rose to foot of the her friend around the pett leisure

front door. "I don't public," Mi when rallie "Tain't ge steppin' in streets these "I shoul takin' so ma TY OF MOTHERS

Should be Carefully Early Womanhood. ring frequently results er's ignorance; or more

om a mother's neglect to uct her daughter! ys "woman must saffer." women are so taught le truth and a great deal

ion in this. If a young ers severely she needs i her mother should see ers hesitate to take their

a physician for examinamother need hesitate to about her daughter or rs. Pinkham and secure ficient advice without . Pinkham's address is

ng letter from Miss MARIE entralia, Pa., shows what do, and tells how Mrs. ed her:

became so poor that I chool. I was tired all the d dreadful pains in my k. I was also troubled rity of menses, I was d lost so much flesh that became alarmed. My s a firm believer in your experience, thought per-

ht benefit me, and wrote I followed the advice used Lydia E. Pinkham's npound and Liver Pills as and am now as well as I ave gained flesh and have I am completely cured of

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husetts Ploughman,

r in flower. The fra-ich larger

LE PLANT FOOD.

oston, Mass.

ved from the latest tion. Size of each in that far-off land, A brief history of ir offer below:

STRATIONS

nd lliustrations, and 182 of each State and Terri-ies, by Last U.S. Census.



Actual Size, 11 by 14 Inches on, Public Debt for the nation, and Other Infor School-room

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one year, n, one year, aps of Cuba

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REET, BOSTON, MASS.

OUR HOMES.

HOW DOES THE SPRING COME?

gether.
And at the end of the long suffering
And the world over is ruled by the spring.

How does the tide come? Not all in one

Daunting the land, and the heavens surpris-

Here a wave, there a wave, rising and falling,

Gayly and strongly it comes from the dis-

How does the soul grow? Not all in a minute,

Now it resolves, and again the will faileth:

It is full grown, and the Lord rules the soul.

ARGENTY'S STRAWS.

What did you take her for, Celes-

imly. "I s'pose you don't know,"

don't care for anything but filling their

sion to agree with these vigorous views

some, anyway. The money generally

gets give out in such cases in an awful

-judged way, to say the least. I posi-

call that," ended Miss Hoppett, im-

cording to my own method?"

"Fearful scrawny, ain't she?" said

'Yes," returned Miss Hoppett, grave-

get her body fed up, I'll be mistaken."

and by the time her visit's done I gen-

erally get on track of what to set her at.

Catch me giving her anything! It's my

business to make her feel that she must

Mrs. Betts looked puzzled.

pressively.

Mrs. Betts.

plumb bit of it.

way the wind blows'?"

Mrs. Betts nodded.

her own sitting room, went on:

tiny?" asked old Mrs. Betts, curiously.

Till, at the end of the plunge and the roar.

pillow still beckoning and calling.

g, receding, now farther, now higher; is lower, now it is higher; seems spent and tired; then with in-

may lose ground, and now it may win

rejoiceth, and now it bewaileth; s hopes fructify, then they are blighted;

walks sunnily, now gropes benighted; discouragements, taught by disaster, ces forward, now slower, now faster, the pain past, and the failures made

How does the spring come? With many mis-'em has been misguided, and all of 'em Phelps. Now the frost pricketh sore, then the sun

she smiles through the sombre chill to work?" persisted Mrs. Phelps. "She nothing." is a regular gawk, to my mind. When "If I was weather, on the blight and the promise of the work processing and the work over is ruled by the spring.

I come in to set a bit with you, "remarked Mrs. Phelps. "She wis a regular gawk, to my mind. When I come in to set a bit with you, there is a -drinkin' in every word I say, the world over is ruled by the spring.

I come in to set a bit with you, "remarked Mrs. Phelps. "She home with you, "remarked Mrs. Phelps. "She home with you, "and home to taim it! The world it was designed in the world of the woman paled and paled, in swift gold closer to her bosom. Yet the rosy child closer to her bosom. Yet there was a yearning look in her eyes; what breadth of forehead and fullness of temple; what dainty the little cry that was all a prayer, with a little cry that was all a prayer, the little cry that was all a prayer, when a soft, sweet neck the world over it all over since your the world with you, then the first wing of the world of the woman paled and flushed and paled, in swift lace of the woman paled and flushed, and flushed and paled, in swift lace of the woman paled and flushed, and flushed and paled, in swift lace of the woman paled and flushed, and flushed and paled, in swift lace of the woman paled and flushed, and flushed and paled, in swift lace of the woman paled and flushed, and flushed and paled, in swift lace of the woman paled and flushed, and flushed and paled, in swift lace of the woman paled and flushed, and flushed and paled, in swift lace of the woman paled and flushed and paled, in swift lace of the woman paled and flushed and paled, in swift lace of the woman paled and flushed and paled, in swift lace of the woman paled and flushed and paled, in swift lace of the woman paled and flushed and paled, in swift lace of the woman paled and flushed and paled, in swift lace of the woman paled and flushed and paled, in swift lace of the woman paled and flushed and paled, in swift lace of the woman paled and flushed and paled, in swift lace of the woman paled and flushed and paled, in swift lace of the w swered Miss Hoppett, calmly.

"I don't see what at," went on Mrs. Phelps. "She looks like a bean-pole with tell you how to cook it," went on the the July sun. a dress on; and them long, scraway old woman, astonished to find in her hands of hers gives me the fidgets. If own breast a feeling of approval toward low woods at the bottom of the pasture must be dashed to earth. She tried to you must have strange folks about all the time, why can't you take somebody "Now," she said, when she had conthe time, why can't you take somebody kind of cheering, instead of them the neighbors can't abide?"

"I guess I'm wanted," answered Miss Hoppett, with unmoved screnity. "I see Argenty waving at me to come." And If she h then she went home.

straws, I know she has," she said to herself, "only she keeps 'em out of sight. Well," she ended, as she went to bed, "I believe she can, too," remarked Well," she hain't showed no good straws, she hain't showed no bad ones, neither. I'll not worry. It's my business to make a note of the straws when I see make a note of the straws when I see when to bed, the preparing rice.

At last she went to her brother and preparing rice.

Wrapped Miss Abigail's precious burden, but the plaintive cry had ceased, hurrying back. "Them big hungry she hain't showed no bad ones, neither. I'll not worry. It's my business to make a note of the straws when I see when the mysteries of cookin', I must admit. There she comes again. I wonder what were waiting impatiently under the word of his. But, although surprised and disturbed, Nathan Drew was not were waiting impatiently under the word. His heart remained obdurate. To him, the thought of a foundling Baldwins or more in season, nice grove, 2-story when their to her brother and warpped Miss Abigail's precious burden, but the plaintive cry had ceased, and the blue eyes of the little foundling of passion he had never suspected in that quiet, reserved, meekly subservient sister of his. But, although surprised and disturbed, Nathan Drew was not were waiting impatiently under the word of him the thought of a foundling Baldwins or more in season, nice grove, 2-story when their

straw. Miss Hoppett had a headache- knock. such a severe one that she lay in her "Oh!" said the girl; "what do you bundle upon her left arm. It was long vinced in his own heart that childlessdarkened room all day and ate noth- put over it?" Look her because I thought it was

"answered Miss Celestina Hoppett genty, who was sixteen, would not would be best, I guess." she went on, after a pause, "that I have she way of helping."

"I s'pose you don't know," leave her. If she, in the language of when I happened to think of it," ex- dropped the basket under the shadow would not hear to it. To the Foundling

"and it will let the sun in when the sun gets just so. Did you stick the pin in the same hole I do? I don't want the her eyes.

"And it will let the sun in when the sumple and all her friends were swamp. I heard it crying and went to of her own—her fooms. Her mother's find it, and that's what made ne so late."

Bible; the laces left her by her Aunt late."

Judith; an old-fashioned watch and chain; six silver spoons worn thin as so down in self-respect that they shade all pricked up."

"Yes," answered Argenty, softly. stomachs, and their stoves, and cover-"I will," said Argenty.

touch, the pain away. And if only slowly she walked into the little dining- the man toward disposing of it! that was stout and able bodied went and asked for a new dress and a pair of shoes. That woman wouldn't work, and she got that dress and those shoes.

Shameful misappropriation of funds. I Shameful misappropriation of funds, I call that," ended Miss Hoppett, im-

"I know you don't exactly agree with me," said Miss Hoppett, politely, "and

Mrs. Phelps herself opened the door, say; and so what's to hinder me doing her expression of pleased expectation herself she thought, as she ate with a his legs, and was steadily plundering. How the weary, heart-sick woman the her expression of pleased expectation herself she thought, as she ate with a the heft of my own charity work acturning to a frown as she saw Ar- relish: "I don't need to watch for any "Well, come on, boys. Hitch up longed for the sight of a roof, a chim-

Nothing at all to hinder you, Celes- genty.

Miss Hoppett smiled a pleased smile. eager question.

Well," she answered, modestly, some has one knack, and some has answered "Toast and tea." another. Now about Argenty-ain't "Thank you kindly, ma'am," said Ar- it." hat a silly name? 'Twas that made me

hesitate some about taking her. But I genty, turning away. "Here!" called Mrs. Phelps. considered that she didn't name her-Argenty turned towards her. self, and so wasn't to blame; and I took

"Butter toast, not milk toast, is what's Then the girl smiled a radiant smile.

y; "scrawny all over, in her body and showed me once." her mind and her soul. And her soul's Away hurried Argenty, while Mrs. Independent. the scrawniest part of her. However, Phelps gazed after her.
"That girl's gettin' woke up," she I'm watching her straws careful; and if I don't get a leading by the time I said; "she surely is; but I'll venture to say her toast will be doughy in the middle. I'll step over, I guess, in about ten minutes, and see to it. I s'pose Watching her straws!" she repeat-

ed. "What do you mean, Celestiny? Is Celestiny's been having a spell with her that part of your method you was speak- nead." The ten minutes had lengthened to It's all my method, Mrs. Betts," re- twenty when Mrs. Phelps entered Miss

oined Miss Hoppett, solemnly-"every Hoppett's kitchen. The teakettle was boiling on the Well, I wish you'd explain it, Celesstove, and on a plate in Argenty's hand was a thin slice of beautifully "It don't need no explaining. You browned bread.

know the old saying, 'Straws tell which "Here!" said Mrs. Phelps. "Let me look at that before you turn the boiling water over it." Well, I just invite some poor crea-She turned the plate and examined

ture like Argenty to come and make me the toast. She turned it over with a a visit, and then I watch her straws; fork. "Well, you've got it right, for a wonder," she said. Again Argenty smiled. With a quick movement she flooded the toast with

not take anything, if she can possibly off into a pan. boiling water and instantly drained it do for herself. I set three to earning a "Well, that's right, too," commented good living a'ready just by watching their straws; though don't you repeat

Then, with

Then, with tiny lumps of butter on it, have spoke of it."

Inc. Heat, was put into the oven.

'I guess," said Mrs. Phelps, "Celestive spoke of it."

afraid of them. I only take one at a sked, without a preliminary word. time, you know; and I ain't struck a Preliminaries, she felt, were not for her wicked one among the lot. Some of when she was dealing with Mrs. connected with a word later to the stopped her with a pleading gesture, the babe, half stupefied by starvation and a look on his face such as she had not seen since they were children to gain, and I ain't a-goin' to stand any look of the sound. Some of the stupefied by the start and the start and she was dealing with Mrs.

"Yes'm," said Argenty, eagerly. "I see you're a-listenin' to me, and I'll the basket of lunch under the blaze of For two days Abigail Drew lived in left, Abigail," he said; "and it's be'n York Evening Post.

cluded her minute directions, "do you the rapture and triumph that shone in to make those two precious days heaven think you can do it?"

her room thinking. Argenty had now that, besides confidence in her own the old painters limned beneath the feet her, cherish her. She is yours, a gift been with her two weeks. "She's got powers, showed respect for Mrs. Phelps, of their exalted Madonnas. A little face of God, the answer to your life-long straws, I know she has," she said to her- and an appreciation of the difficulties in peeped out from the ragged shawl that prayer."

'em, not to make a fuss because I can't see 'em.''

There she comes again. I wonder what she's forgot?'' She rose and opened the shadow of a big elm tree, when their she's forgot?'' She rose and opened the shadow of a big elm tree, when their breathless provider finally arrived with the basket of lunch and that strange was unendurable. Never a lover of children, always con-

"Oh," sighed Miss Hoppett, as the they thought of makin' a sauce for the goin' to do with it?"

I will say that some organizations are longing for food. It was seven o'clock, and at that moment Argenty was cooked this rice? It tastes like what ma to find it, by 'n' by."

The hired men law used to cook."

Mrs. Phelps looked surprised, but she town that pay high. Good cookin', dian, exclaimed:

some six months later.

"Me!" answered Miss Hoppett. "I mans left dat bebby, seh!" couldn't. I'll own I should like to have

ON THE EVE OF WAR.

O God of Battles, who art still The God of Love, the God of Rest, Subdue Thy people's fiery will, And quell the passions in their breast! We lift them to the Holy Rood.

The waiting nations hold their breath To catch the dreadful battle-cry;
And in the silence as of death
The fateful hours go softly by. O hear Thy people where they pray. And shrive our souls before the fray

We kneel apart a solemn while Pity the eyes with sorrow wet, But pity most the lips that smile. The night comes fast; we hear afar The baying of the wolves of war.

Not lightly, O not lightly, Lord, Let us our awful task begin; Let us our awful task begin;
Speak from Thy throne a warning word
Above the angry factions' din,
If this be Thy most holy will,
Be with us still—be with us still.
—Danske Dandridge, in The Independent.

AN OLD MAID'S LOVE AFFAIR.

A child crying down in the swamp—concernia what could it mean? Miss Abigail spoke:

she sprang toward the swamp, leaving for nestling a mother's lips!

her eyes, as she looked down upon a bundle strained to her breast, showed that life, for her, had suddenly been lifted above all ordinary conditions and the blue eyes of the little foundling back. "Them big hungry back. "Them big hungry back."

The believe I can," replied Argenty, "I can a life, for her, had suddenly been that life, f

"Yes," she said, "I have known girls the covering from the basket and in- paper-these and a few other things she that would have been dishin' up before specting its contents. "What be ye wrapped in a bundle, and then, tak-

All the afternoon Miss Hoppett lay and manner. Evidently, the only ques- afternoon, she walked, as one in a so Miss Hoppett, very much at home in The large handkerchief that had bound silent in her room, though she was not tion that had entered his mind was how dream, leaving behind her all that she Miss Hoppett's temples was quickly re- asleep. And it was quite supper-time to get rid of the unwelcome encum- had ever known and loved hitherto. "Nor yet do I lean to handing over my money to an organization—not to All the gratitude for two weeks of kind—way, her cheeks flushed and her eyes Their thoughts were traveling in dia-sound of whetstone on scythe-blade ness was in those long, sympathetic hands as they rubbed, with a magical wearily Miss Hoppett rose, and woman's toward retaining the child; Nathan beat such music, with banishmetrically opposite directions - the what a cheery, cheery ring! How could

tive know of one case where a woman Miss Hoppett could have seen Argenty's room. She was some fifty years old, There was something of the protect-

everything necessary to the girl's life. And she had turned stupid under such

Miss Hoppett drew the dainty saucer gail's delicious chicken sandwiches and before sunset she came out of the woods "I don't know but it was," faintly asented Mrs. Betts, who believed in organization herself as the easiest way of
helping the poor.

"I know you don't exactly agree with"

And she had turned stupid under such
treatment. That night Miss Hoppett drew the dainty satter
toward her, poured on cream and sitted
toward her, poured on cream and sitted
sugar, and quietly took a mouthful, expecting nothing, but pleased that Arhelping the poor.

"I know you don't exactly agree with"

And she had turned stupid under such
treatment. That night Miss Hoppett drew the dainty satter
toward her, poured on cream and sitted
sugar, and quietly took a mouthful, expecting nothing, but pleased that Arhelping the poor.

"I know you don't exactly agree with" heart." her that she could eat. it accidentally in the swamp, eh, boys? try it was, that New Hampshire mounSomebody'll be comin' back, 'most crazy tain valley! The great hills looked

that kind myself. But this one wasn't.

And it set me to thinking. I've got door.

And it set me to thinking. I've got door.

The property was used to cook.

"I did," said Argenty, modestly; though it was plain that their minds and piny glens, and deep buried solidor.

"but Mrs. Paelps told me how."

"but Mrs. Paelps told me how."

"but Mrs. Paelps told me how." "but Mrs. Paelps told me how."

Were chiefly absorbed by the lunch bastudes. The voices were all those of
the which their employer held between wild creatures, mysterious and hidden.

more straws. Lawyer Rowley and his here and have something to eat!" cried ney, an open door-especially for the "Nothing at all to hinder you, Celestiny," responded Mrs. Betts; "but we hain't all got oceans of time, nor your knack of managing, either."

Miss Hoppett smiled a pleased smile.

But Argenty did not notice.

What do folks eat the next morning after they have had an awful headache all day and hain't et nothing?" was her Miss Hoppett smiled a pleased smile. difference if they are the only ones in one of them, a smart little French Cana- drift across her path like sparks from

such as Argenty'll do for 'em, is worth "Ah, guess ah know were dat bebby Abigail, turning a bend in the road, come from, me! Dat mans leev in came suddenly upon the welcome glow "I should think you'd have kept Ar- lumber shanty on Coon Hill; he gone, of a farmhouse window. She hasgenty, Celestiny," said Mrs. Betts, an' heez ol' hooman have t'ree, four, tened forward, and, turning into the some six months later.

done it, but I couldn't have paid no Drew. "Shittless cuss! Camping saw the approaching figure he rose and "That's the very kind I know how to such a price as she's a-getting; and be- down on my property without even ask- called his wife. make," she said. "A cooking woman sides, I have to be taking other girls showed me once."

showed me once."

sides, I have to be taking other girls ing permission, and using my lumber shand, stove and wood! I'm glad he's hustling to the door, skewer in hand. brood with him. The young un'll her face, she cried: prob'ly grow up jest like the rest of 'em

lazy and wuthless!"

The skewer fell clattering upon the floor, and the two women rushed tcwork. Los' heez health an' 'bliged to and child in their expansive embrace. get too much bebby!"

Alphonse grinned appreciatively and How glad I am to see you again, Abitook no offense. Then silence fell upon gail. I thought you and me was parted the three men until the last drop of their forever. noonday lunch had disappeared.

hard-faced, iron-gray man, who showed the inward voice in vain. by every line and feature the absence of sentiment in his make-up. The woman's hands trembled as she worked. She

Celestiny," said old Mrs. Phelps, who was met this time, however, without a Therefore, that child-cry, floating up had been born and reared, and which saw him at the same moment, and, borne in upon me that, per'aps, I was from the swamp, was heavenly music had descended to her elder brother when wrong about the child. Come home, "Oh," laughed Miss Hoppett, "I ain't what can I get her to cat?" she to the heart of Miss Abigail Drew. She their parents died. Hastening to the made as if she would have fled. But he her heart surged into her throat, and she stinct, she sparingly fed the child with a gether. has been unfortunate; but that's the very worst you can say of 'em. They've has she had to eat?"

The lear surged into her throat, and she stinct, she sparingly led the child with a spoon, a few drops at a time. As life came back to the little body with nour you, Abigail," he said, simply, drawing she came out into the road with her the frost pricketh sore, then the sun glances; the rain beateth down, then the snow falleth;

The rain beateth down, then the snow fall been honest, and willing to work as soon as they knew what to get at."

The rain beateth down, then the snow fall been honest, and willing to work as soon as they knew what to get at."

The rain frost of the little body with nour-roin in front of the litale bushes. The had been left in the swamp deserted!

And what if she should be the one to find it and take it home, and oh! what if she should be the one to find it and take it home, and oh! what if a baby came back to the little body with nour-roin in front of the litale bushes. The had been left in the swamp deserted!

And what if she should be the one to find it and take it home, and oh! what if a baby came back to the little body with nour-roin in front of the litale bushes. The had been left in the swamp deserted!

And what if a baby came back to the little body with nour-roin in front of the litale bushes. The had been left in the said Alice. The left in th "Well, do you think Argenty's going work?" persisted Mrs. Phelps. "She nothing." that same as if she hadn't had work?" the same as if she hadn't had if nobody should come to claim it! The down upon the little head. What a "I can't go home with you, Nathan," will go home with you."

> the awful joy of one who drains the her eyes, as she looked down upon a enough for all of life. She tried, with hen she went home.
>
> Phelps' heart would have closed to her at night Miss Hoppett sat alone in at once. But there was that in her reply scious of walking up such roseate air as insistent—"Cleave to the child! Keep

she's forgot?" She rose and opened the door without waiting for Argenty to knock.

The next day Argenty showed a straw. Miss Hoppett had a headache—such a severe one that she lay in her large for Argenty to large farkened room all day and ate nothing.

Well, in this case, cream and sugar genty, who was sixteen, would not easy her. If she, in the language of easy her. If she, in the language of t

Mrs. Betts looked interested.

"Yes," pursued Miss Hoppett, flattered by the look, which contained a proper proportion of respect, "yes, I don't believe in promise'ous charity, which is, as I take it, generally an infact, and took so, except where tolks so down in self-respect that the same hole I do? I don't better the shadow of the elm. "And for goodness' sake, would not hear to it. To the Founding of the elm. "And for goodness' sake, what ye got in yer arms?"

"A baby, Nathan!" replied his sister, in a voice full of soft, reverential joy. "A baby, Nathan!" replied his sister, in a voice full of soft, reverential joy. "A baby, Nathan!" replied his sister, in a voice full of soft, reverential joy. "A baby, Nathan!" replied his sister, in a voice full of soft, reverential joy. "A baby, Nathan!" replied his sister, what ye got in yer arms?"

Was knew absolutely nothing? No! he would not hear to it. To the Founding of the elm. "And for goodness' sake, what ye got in yer arms?"

Towards evening of the last day of the last day of the in a voice full of soft, reverential joy. "A baby, Nathan!" replied his sister, in a voice full of soft, reverential joy. "A baby same a second in a voice full of soft, reverential joy. "A baby same a second in the same whole I don't hear to it. To the Founding of the elm. "A baby same a second in t ing baby and bundle in her arms, she ing their backs with what didn't cost day declined; "if only somebody would remanything."

Mrs. Betts appeared by her expression by her expression with these views of the woman. There was something to do for her."

"Oh," sighed Miss Hoppett, as the they thought of makin a sade for the day declined; "if only somebody would rice. Well, Celestiny's favored for once. Argenty does re'ly seem to want to do for her."

A cloud swept across the radiant face of the woman. There was something strictly forbidding in her brother's tone to do for her."

ment for the babe-for both of them,

down over the woods like stern-faced The hired men laughed servilely, giants. The night air smelled of swamps

the crumbling embers of the sunset, approached the open door. A man sat "I shouldn't wonder," replied Nathan upon the doorstep, smoking, and as he

gone, but I wish he'd taken his hull dern The moment Abigail's eyes rested upon

"Lucinda Jones!"

Frenchman, "dat man's Hinglishman, gether, like amicable battering-rams, good fambly, but not ver' strong for the arms of the larger embracing friend take to de woods. No money-no "Abigail Drew! Be you still living health-big fambly. Ah guess ah'll do in these parts? I heard, away out in bout same t'ing as him, bah gosh, if ah York State, where we just moved from, that you and your brother had gone "Don't doubt it, Alphouse," rejoined West twenty years ago. My! and the farmer. "That's jest the sort of a you've been and married and got a fellow you be, and yer hull Canuck baby! Come in-come in! Lorenzo, fetch the rocker out of the settin' room.

How straight love had led her wan-Abigail tenderly laid the baby down dering feet! Abigail sank down in the in the grass, while she gathered together cushioned rocker and marveled at the the dishes and napkins and repacked cheerful firelight playing on the face of them in the basket. Her brother stood over her, watching. He was a spare, sympathy! Ah! she had not obeyed

. . . .

Six weeks was Nathan Drew a-searchknew he was about to say something ing for the treasure he had lost. He concerning the child. Presently he drove east, west, north and south, stopping at every mountain farmhouse to basket of lunch she was carrying to the men in the hayfield. It sucely was a

"I've thought it all over since you together .- James Buckman, in the New

longer between you and your heart."

FARMS FOR

WORCESTER CO. FARM, with stock and tools included; 84 acres, land level, free from rocks, on main road, electrics to pass, 13 miles from Worcester, 1 mile to stores, station, post-office, churches and schools. House 2-story and ell, 10 rooms, nice lawn, fine shade front of house pleasant location; small cottage for hired house. post-office, churches and schools. House 2-story and ell, 10 rooms, nice lawn, fine shade front of house, pleasant location; small cottage for hired man. Barn 60x50, ell 40x30; piggery 15x60, with basement; hennery 12x24; lee-house and wagon sheds; silos capacity 300 tons; 18 cows (Jersey stock), 2 buils. 6 young stock, about 50 swine, 4 horses, 2 pair heavy harnesses. 1 pair light do., 1 double, 1 single wagon 1-horse cart and harness, Democrat carriage, 2-horse sled, 2 sieighs, sulky plow, manure spreader, mowing machine, horse rake, tedder, potato and eorn planter, seeder, W. A. Wood reaper and binder. McCormack corn harvester, 1 10 h. p. boiler and engine, ensilage cutter and carrier, grist-mill, all the small tools one cap think of. Cream sold at the door for creamery, or milk can be sold in town. Here is an income payer. Price for all, \$8000, part cash, balance b per cent, or will trade for smaller farm.

FRUIT AND STOCK FARM, 6 miles to Lowell RRUIT AND STOCK FARM, 6 miles to Lowell 25 from Boston on county road. Farm contains 70 acres. 4.0 fine bearing apple trees, 4 acre blackberries, 20 peach 3 and 4 yrs. old, besides strawberries, 300 peach 3 and 4 yrs. old, besides other fruit. 2-story house 9 rooms, 2 large partures, 4 light windows, piazzas and bay windows. Pump at sink, running water at barn. Well room with two set boilers. Barn 60x38; 16 tie-ups and 3 stalls, fine cellar with 24 ft. space divided off for apple cellar; barn clapboarded and painted, c. pola and vane. 2 henneries, 12x24 and 12x36. Two yrs. supply of wood in shed. Cuts 35 tons of hay by machine. Price \$6000.

DOUBLE VALUE in this 20 acre farm. Why?

1st. Because it is nine miles from Boston
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Every foot is valuable for building lots. Only two
minutes to station, 40 trains daily; water, lights,
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12 rooms, steam heat; barn 42x60 with sub cellar;
75 ft. carriage shed, 300 feet frame for winter
sash. Seld on very easy terms as a whole or in
sections, or will exchange for property on the
O. C. R. R. or in R. I. Personally examined.

L'STABLISHED CREAM and MILK Business

L'supplying Fitchburg trade. Intervale farm
130 acres, finest of grass land all under drained,
free from stone. All buildings built in 1896;
house 12 rooms, painted white and olinded; ell
and pantry, with refrigerator built in; 2 silos, 45
tons each. Stock barn 40x48, 13 ft. posts; creamery in one part, 20 tie-ups and 4 stalls. Water
from spring 20 ft. above buildings, running to
house and barns (new pipe); hennery 20x20. Upland orchard, 300 apple trees, mostly Baldwins,
30 yrs. old; large variety other fruits, all kinds.
Winter of '96 and '97 kept 24 head and 3 horses.
Pond near house supplies farm with ice. 20 cans
of cream per week are sold at \$1 per can; a ready
sale for all skim milk at 86 per can. Will sell 21
cows and pair horses, harnesses, farm wagon, one
"Farmer's Handy Wagon," machine, hay rake, 3
harrows, plows, cultivators, 2-borse sled, sleigh,
ex. wagon, all small tools for \$5300; \$2000 can remain at 5 per cent, or will sell farm above for
\$4500.

New Hampshire, well divided; cuts 50 tons hay, all by machine; keeps 25 to 30 head and team. Valuable wood and timber lot. large amount fruit. Two-story house 20 rooms in first-class condition, cemented cellar, milk cellar, ice house, 2 large barns, clapboarded and painted; carriage house 20x30. Kunning water stall buildings. Borders a beautiful lake for long distance. Fine shade trees. Summer rustic house. Low tax rate. Everything up in first-class shape for country farm or summer boarding blace, with a first-class trade established. Good sugar orchard 200 buckets. Price \$4500. Very easy terms. Only 1 mile to two villages. Where can you find a better bar gain! E. H. CARROLL, Warner, N. H., or J. A WILLEY, 178 Devonshire St.

TDEAL GENTLEMAN'S HOUSE - 25 miles from Boston, excellent steam and electric service, 1 mile to P. O. Stores. Churches and Schools. 30 acres level land free from rocks. Spiended set of buildings, 2-story house with ell, Schools. 30 acres level land free from rocks. Splended set of buildings, 2-story house with ell, -10 finished rooms, painted white and recently shingled; sets back 500 ft. from main street where electrics pass (2 lines). Gravelled driveway lined with Maple and Linden trees on both sides leads to house; plenty shrubby, Barn (painted and cupola) 33x47, 2-story shed 35x18, carrage and tool house 18x30, one poultry house 15x20, two others 8x10, another shed for storage of tools, etc., 16x9. Fine cold well of water, small apple orchard bearing well, another of young trees just begining to bear, buildings on an elevation 30 ft. higher than street, Keeping at present 8 head cattle and 2 horses. Price 86500, free and clear, one third can remain if desired.

PECIAL INDUCEMENTS made to anyone buying this 40 acre farm, 23 miles from Boston, by contracting with them for any or all vegetables and fruits they will grow, thus assuring the purchaser a sure market for their crops. Buildings are located on high land, supplied with good spri g water and consist of a large brick house of 12 rooms, barn and shed, ½ mile to school, 1½ mile to churches, stores and station. Land is suitably divided; buildings in good repair and surrounded by grand old elms and wainut trees. Eleven bushels of nuts taken from trees last year, on a main road, and an exceptionally good neighborhood. Price \$2200.

TOCK and GRASS FARM. 85 acres. One mile to station and P.O. 27 to Boston. House 9; rooms, barn 30x85, annex 22x55, shed and wagon house; all buildings painted and in good condition; well shaded; 500 peach, well fruited, 175 pium just beginning to bear, 75 bearing apple trees, 10 cows, pair horses, 50 fowls, all farming tools, crops, and 50 tons in barn. Price for all \$6000.

CUTS NEARLY 100 TONS HAY, will pasture 2 to 25 bead; running water in all buildings by pipe; 427 acres, finely located, everything in thrifty condition, hay having been spent on place. Quantities of apples, pears, plums and cherries; 1 mile to depot, P. O., stores; two other viliages within 1½ miles. Good two-story house, one barn 40x80, one 30x40, one 20x30; carriage house, 2 ells, other out buildings. Borders handsome sheet of water %4 mile. Price \$4000, %4 cash, which is less than buildings cost. Large list of farms and viliage places, ifor particulars of which address E. H. CARROLL, Warner, N. H., or J. A. WILLEY, 178 Devonshire St., Boston*

TWO HUNDRED ACRE Connecticut River farm. So acres in tillage; 60 of this being in one field. Perfect land; every foot tillable and very productive. 70 acres pasture, 50 wood and timber. 300,000 feet timber ready for market. Mill less than ½ mile of farm. Nice old style farm house, some 12 or 14 rooms. Barns 100x50 and 132x43 and connected; piggery 127x15. All newly pauve i and arranged in the most modern and convenient order. Cellar under entire barns, divided into four sections, running water in each section. Water to all buildings from two never failing springs. 150 ton silo. Stable fitted with the "Bidwell Adjustable Stall." Cuts 100 tons hay and fodder. Keeps 55 head cattle, 5 horses, and sheep and 50 swine. This farm is only four minutes from station; stores, churches, and schools near. This valuable property is offered with or without stock and tools. As a stock farm it cannot be excelled. Investigate this. Personally examined. Photograph at office of J. A. WILLEY.

Level, free from Rocks-1/2 mile to passes door to meet every traiv. Splendid set of buildings, house of 8 or 9 rooms, connected to barn and all painted white, green blinds. Farm contains 40 acres, borders pond on back and has cottage which rents in summer for parties, and in fall to gunners Large strawberry bed, apple orchard of 200 bbls. in season. Price only \$2800. and only 25 miles from Boston Lake is 1/2 mile long, same wide, iPhoto. at Office.

Li Station. 1 mile to electrics; 30 acres English mowing, 45 pasture, 25 meadow. balance woodland, cuts 50 tons hay, will easily cut 75 tons; milk sold at door; 80 apple trees, pears and peaches; good land. Watered by well, springs and aqueduct. House 2 story, 12 rooms in good order, Barns 36x80 and 32x40 with sheds, company work shop, etc. Price \$9000. sheds, cornbarn, work shop, etc. Price \$9000, Suitable for gentleman's farm or country resi-dence, in town of low tax rate.

LL HEALTH—Compels owner to sell this 27 acre village fruit and poultry farm, located in town known for its educational advantages. Farm is 30 rods from R. R. Station and 44 mile to village. Attractive 2-story house of 13 rooms, bay windows, handsome lawn with fine shrubbery and shade trees; 8 ft. cellar under whole house, (perfect for keeping fruit). Barn 33×40 with L. 28×33; all buildings in best of condition and newly painted; on high land, sightly and healthy. Best of water in all buildings. Milk sold at door. 2½ miles to city of Mariboro, 15 to Worcester. Land is rolling, southerly slope, equally divided; cuts 20 tons hay, 100 ton sflo, keeps at present 4 cows and 2 horses, but will carry a much larger stock, Poultry houses for 300 to 400 hens; main one 25×50, 2-stories; others are 12x18, 12x20, 10x30, in good repair. Fruit consists of 200 apple trees right in prime, mostly Baldwins and Hubbardstons; 250 to 300 pear trees, largely Bartletts and Seckels; can exhibit 30-varieties. All trees in their prime, fancy prices for all fruits obtained as owner can show. ½ acre raspberries, ¼acre blackberries, ¼ acre strawberries; owner has an estableshed trade for small fruit in village. This is without doubt one of the best places on the market today and is sold only because of the owner having met with an injury. In town of low tax rate, with money in bank to its credit. Will reserve a portion if all is not wanted. Photo. at my office.

J. A. WILLEY, Sole Agent,

J. A. WILLEY, Sole Agent, 178 Devonshire St., Boston, Mass

SOUTH EASTERN N. H. FARM.—125 acres, 65 mowing and tillage, 60 pasture, wood for home use, land level, free from stones, clay subsoil, 10 acres underdrained, cuts 100 tons English hay, yearly. The ups for 35 head and 5 horses, best of never failing water house and barn, 160 Baldwins and russets in bearing; 400 bbls. in season, 50 young apple trees 5 years old, all varieties, pears, grapes and raspherries. Ice pond on farm, brook in pasture, 2½ story house painted and binded, lawn and shade, shed and carriage house. Barn 96 x 40 with wing 50 x 36, tee house and hennery. Barn clapboarded and painted, all buildings in first-class condition, 1 mile to postoffice, stores, schools and churches, 1½ miles to one depot 3 miles to another, 50 to Boston on main line B. & M. Price \$10,000.

Near city of 85,000 population, 25 miles from Boston. Home market for all eggs and poultry at top prices. 34 acres land; land worth more for building lots than price asked for entire plant. Brooder house 75x15; hot water system; capadity 1500 chicks. Breeding houses are. No. 1—75x12; No. 2—72x12; No. 3—75x12; No. 4—100x15; No. 5—72x15. Two smaller ones, 13x24, and 8x16—all having yards varying from 50 to 100 feet in length. Buildings facing south. Land a good loam. \$2000 to \$3000 worth plan lumber on place. Brook crosses field. City water in house, barn, cook house and garden. Dwelling house ten rooms; barn 50x50; fine cellar; joins carriage house 24x36; cook house 16x24, two stories; grain bins uo stairs; 8 H. P. boiler, engine. Mann power coue cutter; clover cutter; one 600-egg Challenge, one 600-egg Monarch. All buildings clapboarded and painted. On main road, electrics soon to pass. 134 mile to store, postoffice, churches, etc. There are 200 plum, 20 apple, 12 pear. 100 currant, 100 raspberries, 100 blackberries, and small strawberry bed. Price 10,000, one-half cash. Included are 300 pure bred Barred and White Plymouth Rocks, White Wyandottes, Brahmas and Leghorns. Investigations? HINEST POULTRY PLANT in New England

RUIT CRANKS READ THIS.—Situated within ½ mile of W. D. Hinds' celebrated Peach Orchards, that for several years past have been awarded the prize by the Mass. Horticultural Society as the best fruit garden in the State. Farm contains over 100 acres land, equally divided into tillage, pasture and wood land; land rolling and free from rocks; especially adapted to fruit growing through this section, as it is above the frost line; 1½ mile to Depot, 2 to Stores, P. Office and Church, ½ to School; near good neighbors; keeps 7 head and 4 horses; silo 12x12; running water supplies buildings; 125 Apple, 30 Pear, 100 Peach Trees, 1 acre Strawberries, 1½ acre of Blackberries, (3000 qts. Biks. 100 crates Strawberries) 2½ story house, 9 rooms; good shade; barn 36x45, ell connects house and barn; new shop 20x24; 2 hen house s; all buildings in good condition. Price \$3500. \$1000. down. Apply to W. D. HINDS, Townsend, Mass., who will show it by appointment, or J. A. WILLEY, 173 Devonshire St., Boston.

MANY OTHER DESIRABLE FARMS for sale
Any size, price or location desired—Address MASS. PLOUGHMAN

-OR-

J. A. Willey,

Room 502. 178 Devonshire St. Boston



THE HORSE.

Two tests have been made with horses at the North Dakota Station to study the effect of feeding millet as a coarse fodder. In the first trial two geldings in good health were fed hay and grain for about two weeks. Millet was then substituted for hay for about ten days. The same ration as at the beginning was then fed for four days. The temperature of the air, the temperature of the horses, the amount of food and water consumed, the weight of the horses, and the amount of urine excreted were determined. During a number of days the specific gravity. and in some cases the total solids, nitrogen, and ash in the urine were deterfor exercise.

first, and was made with two mares. and could hardly stand, and suffered from time to time from retention of the nrine. She was killed and a post-mortem examination of the carcass was made. The other mare did not show as marked symptoms during the test. However, when fed millet for about three months she would become so lame in the joints of the hind legs that crop is planted, and in many fields is it was almost impossible for her to walk. When feeding millet was discontinued she would recover. The lameness was again produced by millet feeding. After about two years of alternate periods of millet and hay feeding, she became practically worthless. Circular letters were sent out to farmers let feeding for horses. A number of tions point to an abundant crop of fruits write you a letter that you will want asking for information concerning milreplies were received. The following of all kinds. The apples are in full published. conclusions were arrived at: Feeding millet alone as coarse fodder is injurious ginning to leaf and bud in the northern have received \$25. to horses. It produces an increased half of the district. Other fruits are in action of the kidneys and causes lameness and swelling of the joints. It Many correspondents are of the opinion causes an infusion of blood into the that the yield will be most abundant, angry. joints and destroys the texture of the especially apples. Caterpillars are rebone, rendering it soft and less tena- ported in large numbers, particularly pigs. cious, so that the ligaments and muscles in the northern portion of the district, are easily torn loose. The experience but as yet no injury has resulted to the of many farmers confirms the experi-

Horse Notes.

Should your horse refuse to drink before feeding make him wait at least an hour after feeding.

they will stand the work better.

be kept quiet for a day or two.

horse that has changed hands frequently. There surely must be something the matter with him.

with the rasp.

Always have your horse in the best of condition when he is ready for market. Individual merit and good appearance goes a long way in the sale of horses.

whitewash will add very materially to States. Those who are thinking of enthe appearance of your stable as well as to gaging in the business of producing mothe appearance of the horse. - Indiana hair will do well to remember that at Farmer.

head of the American army of invasion United States. Those who are starting city-bred boy rarely knows what hard -if he ever does-he will ride a horse in the business should not now underwhose beautiful proportions and gener- take to grade up from common Mexican al style and action will cause Gen. goats, but should buy as well graded young man he cannot endure it. It is

Gen. Miles by former Park Commisimportation of tresh blood from Turkey often, as has been said, the two fundasioner McMillan of New York, and is go through it will greatly aid in bring-mental essentials in carving out one's now on his way to Tampa. He is of ing up the standard of goats in this way to a successful career are good Hambletonian stock, a rich dark bay, country.- Oregon Agriculturist. 16 1-2 hands high. He was foaled and raised on Mr. McMillan's Virginia stock farm, and was shipped from there direct to army headquarters in Tampa.

A mate to this animal, also raised by the former commissioner, has been presented to President McKinley, and was sent to him yesterday morning. Mr. McMillan is a great lover of horses, and has twice been president of the Driving

A wise man is on the lookout for a good thing. German Peat Moss, sold by C. B. Bar thing. German Peat Moss, sold by C. B. Bar and by agreement of the second per bottle. Sold by drug and by agreement of the second per bottle. A wise man is on the lookout for a good rett, 45 North Market street, for horse bedding, s one of the good things of this world.

The Weather Bureau's Weekly Orop Bulletin.

FOR WEEK ENDING MONDAY MAY 23,1898.

UNITED STATES WEATHER BUREAU, BOSTON, MASS., MAY 24, 1898.

Weather Conditions .- The past week in New England has been favorable in about all sections, the exceptions, if any, being in Connecticut, where showers were too frequent. In most sections the sunshine was abundant, and summer temperatures were attained during the middle of the period. These conditions with the occasional light showers combined in making a growing season. Feeding Millet to Horses. . Rain is beginning to be needed in parts of Maine, where the surface is becoming hard. Frosts occurred is some sections of New Hampshire on the morning of the 21st, but so far as officially reported without damage.

General Situation .- The crops are reported in fine condition in all sections. Vegetation is strong and thrifty and the soil in excellent state for cultivation and for the rapid growth of crops. Reports from Maine indicate a want of rain, and on some of the highlands the dryness is nearing the stage drought. Sowing and planting still in progress except in southern sections where they are practically completed A large acreage is reported.

Grass .- This crop continues in fine condition throughout the district, and a rapid and vigorous growth is reported for the past week. The color is genercellent, and in most sections seldom ex- ers:

Grains. - Corn being planted in Maine, New Hampshire and Vermont. In southern sections of the district this above the ground sufficient for cultiva not a good specimen. tion. Oats and peas are through the ground as far north as southern Maine. Correspondents in Connecticut report heavy crop. Rye is heading. The best pig. acreage of grain will be large in all sec-

Fruit.—From all sections the indicabloom in the southern half, and are befull bloom or have passed that stage. after a long ride in a crate.

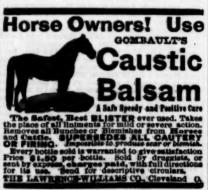
Garden Truck .- Lettuce, radishes, much complaint. asparagus and the earlier garden vegetables are now being marketed from many of the southern sections. The quality is generally excellent, and in An important fact to bear in mind, is promising. In many sections spraying divided into ten millions of men and in.—Truth. that after you have bred her she should for protection from insects is being women of the more or less comfortable, done for the first time.

The crossing of a thoroughbred sire Tobacco.—As yet little is reported with a Hackney mare will give you a with regard to this crop. The beds are, zens the mass of whom form the dullest horse which combines courage and however, reported as improved and the rudest, least ambitious peasantry in plants in good condition.

Don't neglect to examine the feet of plants are above ground. At present its squat, shrinking, unkempt village the conditions are favorable to this and its sandy districts wooded with great deal of fancy work. I should They should be kept clean and level crop. Tomatoes are being set extention it is new, rude, and untide Lulian say she did. When she can find nothsively in southern fields. Here peas Ralph, in Harper's Magazine. and cabbage are in a state of cultiva-

J. M. SMITH, Section Director, Boston, Mass.

Ramon Blanco to turn green with envy. Angoras as they can get and use only This fine animal was presented to pure-bred billies. If the plans for an



The Future of Wool,

Owing to the uncertainty caused by the war scare it is somewhat difficult to forecast the future of the wool market. supply on hand at present, and they will energy and vigor. not increase it, but await developments The demand is very slight, and in fact ate. Cure indigestion, billousness. 25c no sales are taking place at present. Under these circumstances the price quoted in the market reports are merely nominal. However, none of the holders of old wool are willing to sacrifice it; the likelihood that they will get them.

The probabilities are that this year's is nothing in the way of higher prices.

larger than the average person believes. take some time to work them off. Un- ranges. til this is done prices will be kept down. As stated before, our advice to the wool raisers is to hold on for better prices. They will come in time. - Wool Markets.

Don't.

Jas. D. Kiger, Charlestown, one of ally a dark to a black green, and the the largest breeders of Duroc-Jersey as assured. The feed in pastures is ex- gave the following true points to breed- Press.

Don't try to keep more hogs than you can give the best care. Don't say anything against your

neighbor's herd. Don't sell a pig for breeding that is Don't ship a good pig that is in poor

Don't blame a man if he don't agree winter grain and oats as promising a with your judgment in selecting the

> Don't try to sell a customer a pig that he does not want. Don't expect every customer will

Don't expect a pig to show up well

Don't forget to try to fulfill all reasonable demands. If every breeder would follow the above don'ts, there would not be so

Russia in a Nut-Shell.

more or less educated class, and one hundred and nineteen millions of citi-Europe. If one travels over Russia setts, Rhode Island and Connecticut the its farmed flatness and its waste flatness,

A country-bred boy has the distinct perfectly clean and a good coat of breaking out in spots all over the United try-bred boy, as a general rule, has to dead.—Truth. present there is much greater need of time he is breathing an atmosphere of When Gen. Miles enters Cuba at the the quantity of mohair produced in the quantity of moh prepares such a boy for hard work. The work is, and when he meets it as a true that the country boy approaches city problems with a lesser knowledge of health and bard work. With these a young man can accomplish almost anything he desires; without them he can do nothing--Ladies' Home Journal.

It is not too late to set out a few raspberries if the work has not already been done; 4x4 is a good distance, allowing the cultivator to run both ways. Press the earth firmly about the roots, cut the canes off six inches in height. Hoe up the surplus sprouts like weeds. No stakes are needed if the canes are pinched back to make them stocky. No fruit is easier to grow and cultivate than the raspberry. Cuthbert is the standard sort.

When You Are Tired

Without extra exertion, languid, dull and listless, your blood is failing to supply to your muscles and other-organs the vitalizing and strength-giving properties they require. Hood's Sarsaparilla cures that tired feeling by enrich-Manufacturers undoubtedly have a large ing and purifying the blood. It will give you

Hood's Pills are easy to take, easy to oper-

BUILDING A HOME.

BUILDING a house, particularly if designed for one's home, is one of our most interesting experiences, as upon its proper arrangement all are waiting for higher prices, and and equipment depends so much of the family comfort and pleasure. One of the most im portant items, and one to which often not enough attention is given, is the subject of crop will be largely forwarded and held heating. Hot air, hot water and steam have on consignment until better times arrive, come to be the three methods almost univerand we consider this the wisest course sally used, and of these experience teaches us that a combinati n of hot air and hot water for growers to follow. When business furnishes the most desirable sort of heating. starts to improve then the buyers will An objection to steam for residences is that it enter the markets with a rush, for there is exceedingly difficult to manage in moderate weather; but with a combination of hot air Under present conditions wool cannot every degree of weather, and if there happens be sold for what it is really worth, and to be a room in the house difficult of heating it pushing it on to the market means sacri- can be effectively reached by the hot-water fice. In all probability the present part of the system. The Weir Stove Company stock in the central markets is much of Taunton, Mass., manufacturers of the wellknown Glenwood ranges, will take pleasure in sending free to any address their literature Boston, Philadelphia and New York are upon the subject of hot-air and hot-water heat all carrying large supplies and it will ing and, of much importance, their Glenwood

BITS OF FUN.

"Ab, yes," she cried, "by all means go To fight the hateful don; I'll try to find some other beau

"Do you really love me, Uriah?", "Course I does. Think I been walkin" height above the average for the season. Tamworth swine, in a recent address six miles a week ter see you fur the last Many sections report a large hay crop before the Kentucky swine breeders year 'cause I hated you.-Detroit Free

> Many a young man who has entered on a career has been glad soon afterward to get a steady job .- Puck.

"Are you a native of this town?" asked a traveller of a resident of a sleepy little Southern hamlet. "Am I a what?" 'Are you a native of the town?" "Hey?" "I asked if you were a native of this place?" At this moment his wife, tall and sallow and gaunt, appeared at the open door of the cabin, and, taking her pipe from beneath her teeth, said, acridly: "'Ain't ye got no sense, Jim? He means wuz ye livin' here when you was born, or wuz ye born before you begun livin' here. Now answer him." -Harper's Bazar.

She: You say I am the first girl you ever made love to, but your manner indicates that you have had exper-Don't write a letter when you are ience. He: Please explain how you know. After he had gone she was al-Don't keep well-bred and poorly-fed most tempted to jab herself with her hatpin.-Exchange.

"And what did she say when you asked her to put your love to the test?" "She suggested that I might act as her brother Bill's substitute in case we have war with Spain"-Chicago News.

Mistress: Why, Bridget, you surely In a sentence, Russia is a huge farm, don't consider these windows washed? quantity fully up to the average. Straw- comprising a seventh of the land sur. Bridget: Sure I washed 'em nicely berries are in bloom in about all sec- face of the globe, and a twenty-sixth of on the inside, mum, so ye can look out; Feed more oats than corn to your tions and every condition seems to its total area. It has half a dozen men but I intentionally lift them a little work horses during the busy season, favor an abundant crop of excellent to manage it—according to the policy dhirty on the outside so thim aignorant fruit. Other garden berries are also of one of the six-and the people are Jones children nixt door couldn't look

Willy: Why is Uncle Sam always pictured with such long legs? Papa: I don't know. Perhaps the pension agents could tell you .- Puck.

Housekeeper: In what place in the Vegetables .- Except in some of the to spy out the land, he may go for days house will a piece of ice keep the longhorse that has changed hands fre- northern sections potato planting is across it from west to east without est? Ruth Askmore: We find it the

They say that Mrs. Grindly does a ing else to do she ruffles her husband' temper.-Detroit Free Press.

Observing Brother: Mr. Smith is advantage over a city-bred fellow in waiting down stairs for you. Sister two things: his strength is greater by Gladys: Oh, is that so? I wasn't exreason of his country birth, and he has pecting a caller this evening. Obsera clearer idea of hard work. The coun- ving Brother: Did you think he was





Bargain in Shrubs.

We have here in Boston in cellars a large quantity of Trees, Shrubs, &c., all varieties, that must be sold at once or burned. Prices ridiculously low. Send list of what you can use

WHITING NURSERY CO.,

Always Reliable, Purely Vegetable.

Sick Headache, Female Complaints,

Biliousness, Indigestion,

> Dyspepsia, Constipation,

All Disorders of the Liver. Observe the following Symptoms resulting from Diseases of the Digestive Organs: Constipation Inward Piles, Fulness of Blood in the Head, Acidity of the Stomach, Nausea, Heartburn, Disgust of Food, Fulness of Weight in the Stomach, Sour Fructations, Sinking or Fluttering of the Heart, Choking or suffocating sensations when in a lying posture, Dimness of Vision, Dots or Webs before the Sight, Fever and Dull Pain in the Head, Deficiency of Perspiration, Yellowness of the Skin and Eyes, Pain in the Side, Chest, Limbs, and Sudden Flashes of Heat, Burning in the Flesh.

A few doses of RADWAY'S PILLS will free he system of all the above-named disorders. Price 25c. a Box. Sold by Druggists, or sent by mail.

DROVIDENCE LINE

RADWAY & CO.,

55 Elm Street, New York.

NEW YORK AND ALL POINTS SOUTH AND WEST Resumes Passenger Service

Monday, May, 9th, 1893. Steamers "PLYMOUTH" and

"RHODE ISLAND" in Commission.

FROM BOSTON:—Steamboat Express with Parior Cars leaves Park Square Station 6.45 P.M. daily, except Sunday.
FROM WORCESTER:—Steamboat Express Train leaves Union Station 6 10 P.M. daily.

rrain leaves Union Station & 10 P.M., daily, except Sunday. CE:—Steamer leaves Fox Point Whari & P.M., daily, except Sunday. Due New York 7 A.M.

Beturning leave New York at 5 30 P.M., from New Pier 38, N. R.

J. W MILLER, President.
W. DRW. DIMOCK, Ass't Gep'l Pass'r Agt.
O. H. BRIGGS, Gen'l Pass'r Agent.



SPANISH BRUTALITY

Has been Compared to Employing the Knife on Cancers and Tumors.

DR. JAMES M. SOLOMON 2A BEACON STREET.

DOES NOT USE IT.

MRS. ANNIE E REMICK. 16 Hartford avenue. Olneyville, R. I., Dec. 27, 1897: I have been treated by Dr. Solomon for fibroid tumor, and am now well. The trouble commenced about six years ago and gradually grew worse, until the spring of 1896, when I had a severe sick spell. At that time my health became reduced. I was anable to attend to my household duties, felt languid and sick, full of pains, and at times great distress, and could hardly move. I consuited two doctors, but received no lasting benefit or help from them, and was told by one of them that my only relief could be gotten through the use of the knife. Accordingly, in June, 1896. I went to the hospital, the knife was used and a large, malignant tumor removed, but it was found that my intestines were honeycombed by a faction of the hospital as incurable, said "that I might live six months, but not over a year." I felt much depressed and for nine months I struggled on for life, when some of my friends advised me toon suit Dr. Solomon. My first visit to him was in June, 1897. He pronounced it a fibroid tumor of a cancerous nature, of large growth I was given a simple botanical treatment, which consisted of pills, night and morning, and tonic three times daily, also oils to apply externally. Under this treatment the tumor commenced at once to disappear, coming away in long stringy fibres, and now, at the end of six months, I find it entirely gone, my health the best it has been for years. I have gained fiesh, and my appetite is good, do my own housework, and feel entirely well. I should be glad to see any one who is troubled in a similar way and tell them all that Dr. Solomon has done for me.

I am grateful y yours,

ANNIE E. REMICK.

Cured of Cancer. SOUTH NATICK, April 12th, 1898.

Dear Sir.—It is with the greatest of pleasure that I send you my testimo; ial, and I hope that you will live long enough to cure others, as you have me. I had a cancer on my lip for 18 mor this, and I have suffered a great deal. I was treated by four of the best doctors, but they did me no good. They said that I would have to go to the hospital and have it cut out. This was in December, 1897. I did go to the Carney Hospit al, but I would not go under the knife of the surgeon. By a mere accident I read your wonderful cure of Mrs. B. F. Royce, and I made up my mind I would go and see you. February 4th, 1898 my wife and I went to your office. You said you could cure me without the use of the knife, and you did. I suffered no pain under your treatment. In five days from the first treatment the cancer was all out. I am in the best of health and my lip is all healed up, and is as smooth and as well as ever. I am living in this town for 30 years, and am well known. I advise everyone that has cancer or tumor to go and see you.

The libe weeks of the direct absorption treatment, without the use of the knife. The case is considered most remarkable.

Dr. Solomon believes that this is the largest tumor ever removed from the breast of a woman in this country. He can find no medical record of so large a one, nor has he seen anything like it in his extensive practice of over 20 years.

"The removal was accomplished absolutely without the use of the knife, and you did. I suffered no pain under your treatment the cancer or tumors are wholly absorbed, while external ones, like this, aided by external applications of my remedy, become a dead growth, which can be removed without resort to the surgeon. Skiffs.

"My ther y that cancer is blood disease, and shoule be treated as such, is borne out by my ar Sir.—It is with the greatest of pleasure So years, and am well known. I advise everyone that has cancer or tumor to go and see you
I will be glad to tell anyone that calls on me to
tell them what you have done for me.

JOHN ROGERS,
P. O Bux 31.

South Natick, Mass.

where to go to get well without being out all to

The following is my testimon a

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with Dr. Solomon he got my

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In gratitude to him I make this statement wishing it may fall beneath the eyes of every of MRS. MARGARET G. GRAVES.

12 Newhall Street, Lynn, Mass Tumor Cured.

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DR. SOLOMON.

Who has been located for years at 75 Court Street, Boston, is now located at his new office. 2A Beacon Street. He is a specialist in the treatment of cancers. tumors and chronic diseases.

OFFICE HOURS, 9 A. M. TO 6 P. M.

Sundays, 63 No. Main Street, Attleboro, Mass. Any one wishing reference can have them by writing or calling at the doctor's office.

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A farmer having fed on an exten factory resu ration per a of ground as of barley, 1 thirty pound While pas rapid growt therefore les when stock

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